

**ARMY TM 9-2815-237-34P
AIR FORCE TO 38V1-6-4
MARINE CORPS TM 2815-34P/4C**

(SUPERSEDES TM 9-2815-237-34P, 31 January 1996)

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LIST**

FOR

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.2 LITER (SERIAL NUMBER 1-99,999)
(NSN 2815-01-231-3672), (SERIAL NUMBER 100,000 AND ABOVE)
(NSN 2815-01-314-7940) (1990);**

**DDA MODEL 6.5 LITER (NSN 2815-01-410-9710) (1995,1996),
(NSN 2815-01-439-6665) (1997),
(NSN 2815-01-453-7403) (1998);**

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.5 LITER (NSN 2815-01-406-6675) (1996),
(NSN 2815-01-439-6664) (1997),
(NSN 2815-01-453-7404) (1998);**

**ENGINE, DIESEL: 8 CYLINDER, TURBOCHARGED,
FUEL-INJECTED, WATER COOLED,
(NSN 2815-01-420-4180) (1996),
(NSN 2815-01-439-8164) (1997),
(NSN 2815-01-453-7402) (1998).**

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THE AIR FORCE, AND MARINE CORPS**

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WASHINGTON, D.C., 30 March 2001

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DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR

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Current as of 1 January 2001

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DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

1. Scope.

This Repair Parts and Special Tools List (RPSTL) lists and authorizes spares and repair parts; special tools; Test, Measurement, and Diagnostic Equipment (TMDE); and other special support equipment required for performance of direct support and general support maintenance of the 6.2 and 6.5 liter V-8 diesel engines. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the Source, Maintenance, and Recoverability (SMR) codes.

2. General.

This RPSTL is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within section II. Repair parts for reparable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

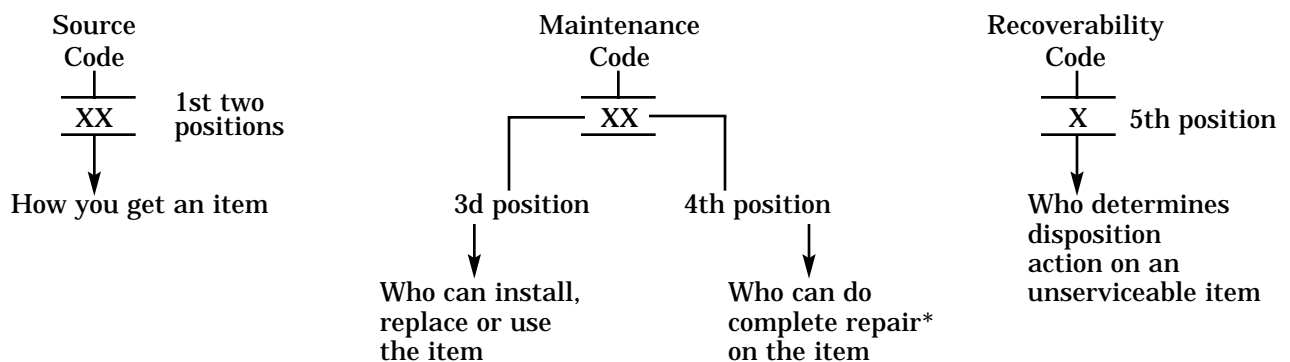
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. Cross-Reference Indexes. A list, in ascending National Item Identification Number (NIIN) (last nine numerals) sequence, of all National stock numbered items appearing in the listing, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns (Sections II and III).

a. Item No. (Column (1)). Indicates the number used to identify items called out in the illustration.

b. SMR Code (Column (2)). The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



* Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) Source Code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow:

Code	Explanation
PA PB PC ¹ PD PE PF PG	Stocked items: use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3d position of the SMR code. ¹ NOTE: Items coded PC are subject to deterioration.
KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3d position of the SMR code. The complete kit must be requisitioned and applied.
MO- (Made at Unit Level) MF- (Made at DS Level) MH- (Made at GS Level) ML- (Made at Specialized Repair Activity (SRA)) MD- (Made at Depot)	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group of the repair parts list in the RPSTL. If the item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
AO- (Assembled by Unit Level) AF- (Assembled by DS Level) AH- (Assembled by GS Level) AL- (Assembled by SRA) AD- (Assembled by Depot)	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3d position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
XA-	Do not requisition an XA-coded item. Order its next higher assembly. (Also, refer to the note below.)
XB-	If an XB-coded item is not available from salvage, order it using the CAGEC and part number given.
XC-	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD-	Item is not stocked. Order an XD-coded item through normal supply channels using the CAGEC and part number given if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source-coded XA.

(2) Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the 3d and 4th positions of the SMR code as follows:

(a) The maintenance code entered in the 3d position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the 3d position will indicate authorization to one of the following levels of maintenance.

Code	Application/Explanation
C	– Crew or operator maintenance done within unit maintenance.
O	– Unit level can remove, replace, and use the item.
F	– Direct support level can remove, replace, and use the item.
H	– General support level can remove, replace, and use the item.
L	– Specialized repair activity can remove, replace, and use the item.
D	– Depot level can remove, replace, and use the item.

(b) The maintenance code entered in the 4th position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions). (NOTE: Some limited repair may be done on the item at a lower level of maintenance if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.) This position will contain one of the following maintenance codes:

Code	Application/Explanation
O	– Unit is the lowest level that can do complete repair of the item.
F	– Direct support is the lowest level that can do complete repair of the item.
H	– General support is the lowest level that can do complete repair of the item.
L	– Specialized repair activity (designate the specialized repair activity) is the lowest level that can do complete repair of the item.
D	– Depot is the lowest level that can do complete repair of the item.
Z	– Nonreparable. No repair is authorized.
B	– No repair is authorized. (No parts or special tools are authorized for the maintenance of a B-coded item.) However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

(3) **Recoverability Code.** Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the 5th position of the SMR code as follows:

Recoverability Code	Application/Explanation
Z	– Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR code.
O	– Reparable item. When uneconomically reparable, condemn and dispose of the item at unit level.
F	– Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support level.
H	– Reparable item. When uneconomically reparable, condemn and dispose of the item at the general support level.
D	– Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L	– Reparable item. Condemnation and disposal not authorized below SRA.
A	– Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. **National Stock Number (Column (3)).** This column indicates the National Stock Number (NSN) assigned to the item. Use the NSN for requests/requisitions.

d. **CAGE Code (Column (4)).** The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

e. **Part Number (Column (5)).** Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When you use a NSN to requisition an item, the item you receive may have a different part number from the part ordered.

f. Description and Usable on Codes (UOC) (Column (6)). This column includes the following information:

- (1) The Federal item name and, when required, a minimum description to identify the item.
- (2) Items that are included in kits and sets are listed below the name of the kit or set.
- (3) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.
- (4) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.
- (5) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line(s) of the description (before UOC).
- (6) The usable on code, when applicable (refer to paragraph 5, Special Information).
- (7) In the Special Tools List section, the Basis of Issue (BOI) appears as the last line(s) in the entry for each special tool, special TMDE, and other special support equipment. When density of equipment supported exceeds density spread indicated in the basis of issue, the total authorization is increased proportionately.
- (8) The statement END OF FIGURE appears just below the last item description in column 6 for a given figure in both section II and section III.

g. QTY (Column (7)). The Quantity Incorporated in Unit (QTY INC IN UNIT) indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in place of a quantity indicates that no specific quantity is applicable (e.g., shims, spacers).

4. Explanation of Columns (Section IV).

a. National Stock Number (NSN) Index.

- (1) **Stock number column.** This column lists the NSN by National Item Identification Number (NIIN)
NSN

sequence. The NIIN consists of the last nine digits of the NSN (i.e., 5305-01-674-1467). When using this column
NIIN

to locate an item, ignore the first 4 digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

- (2) **Fig. column.** This column lists the number of the figure where the item is identified/located. The figures are in numerical order in section II and section III.

- (3) **Item column.** The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

b. Part number Index. Part numbers in this index are listed by part number in ascending alpha-numeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

- (1) **CAGEC column.** The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

- (2) **Part number column.** Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

- (3) **Stock number column.** This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and CAGEC columns to the left.

(4) Fig. column. This column lists the number of the figure where the item is identified/located in section II and section III.

(5) Item column. The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

5. Special Information.

a. Usable on Code. The Usable on Code appears in the lower left corner of the DESCRIPTION column heading. Usable on Codes are shown as UOC: in the DESCRIPTION column (justified left) on the first line of applicable item description/nomenclature. Uncoded items are applicable to all models and title description will indicate all 6.2 and 6.5 Liter engines. Identification of the Usable on Codes used in the RPSTL are:

Code	Used On
10E	6.2 Liter (Serial number 1-99,999)
11E	6.5 Liter (Detuned) 1998
12E	6.5 Liter (Turbo) 1998
20E	6.2 Liter (Serial number 100,000 and above)
30E	6.5 Liter 1995
30E	6.5 Liter 1996
40E	6.5 Liter (Detuned) 1996
50E	6.5 Liter (Turbo) 1996
60E	6.5 Liter 1997
70E	6.5 Liter (Detuned) 1997
80E	6.5 Liter (Turbo) 1997)
90E	6.5 Liter 1998

b. Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk materials are also referenced in the description column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source-coded to be manufactured or fabricated are found in TM 9-2320-280-20 and TM 9-2815-237-34.

c. Assembly Instructions. Detailed assembly instructions for items source-coded to be assembled from component spare/repair parts are found in TM 9-2320-280-20 and TM 9-2320-280-34. Items that make up the assembly are listed immediately following the assembly item entry, or reference is made to an applicable figure.

d. Kits. Line item entries for repair parts kits appear in LCN group kits in section II.

e. Index Numbers. Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the National Stock Number/Part Number Index and the bulk material list in section II.

f. Associated Publications. The publications listed below pertain to the 1-1/4 ton, 4x4, M998, M998A1, and M998A2 series vehicles and their components:

TM 9-2320-280-10	Operator's Manual
TM 9-2320-280-10HR	Hand Receipt, Operator's Manual
TM 9-2320-280-20	Unit Maintenance Manual
TM 9-2320-280-24P	Unit, Direct Support and General Support Maintenance Repair Parts and Special Tools List
TM 9-2320-280-34	Direct Support and General Support Maintenance Manual
TM 9-2815-237-34	Direct Support and General Support Engine Maintenance Manual
DMWR 9-2815-237	Depot Maintenance Work Requirements, Engine

g. Illustrations. Item numbers on illustrations have been assigned in clockwise sequence, starting at the 11 o'clock position (upper left).

h. USMC SMR Codes. There are cases in TM 9-2815-237-34P where the USMC uses different SMR codes than the Army. The list provided below identifies these differences and is for Marine Corps use only. This list is the only place in TM 9-2815-237-34P where these differences appear. It is recommended that Marine Corps technicians make the appropriate annotations within the body of this technical manual. All items w/PB, PC, PE, PF, or PG in the first two positions of the SMRC will be PA for the USMC.

FOR USMC USE ONLY

FIG NO	ITEM NO	MFG P/N	ITEM NAME	MARINE CORPS PECULIAR SMRC
7	1	25534835	SCREW	PAHZZ
7	2	14022652	GEAR, HELICAL	PAHZZ
7	3	12337902	SCREW, CAP HEX	PAHZZ
7	4	14022648	WASHER, FLAT 12MM	PAHZZ
7	5	14022653	GEAR, HELICAL	PAHZZ
7	6	14022647	CHAIN, ROLLER	PAHZZ
7	7	14022645	SPROCKET WHEEL	PAHZZ
7	8	14022646	SPROCKET WHEEL	PAHZZ
7	8	10154689	SPROCKET WHEEL	PAHZZ
15	1	14059057	NOZZLE, FUEL INJ	PAOZZ
15	1	14063606	NOZZLE, FUEL INJ	PAOZZ
15	1	10233972	NOZZLE, FUEL INJ	PAOZZ
15	1	10233973	NOZZLE, FUEL INJ	PAOZZ
15	2	14025557	GASKET	PAOZZ

i. BOI. The Basis of Issue (BOI) for the tools listed in section III of this RPSTL is as follows:

Level	Unit Description	BOI
Unit (O)	{ Maintenance unit, section or team (authorized common tool set)	1
Direct Support (DS)	{ Company/System Support Team (except the following)	1
	{ Motorized Division/Heavy Division Heavy Maintenance Co.	2
	{ Airborne/Assault Division Forward Support Co.	2
	{ Heavy Maintenance Co.	3
	{ Light Infantry Division Heavy Maintenance Co.	6
	{ Light Maintenance Co.	0
General Support (GS)	{ Maintenance Co.	1
	{ Heavy Equipment Maintenance Co.	2

j. The NSNs for the Unit, Direct and General Support Special Tool Kits are listed on page B-20, in Section III of TM 9-2320-280-20-3.

6. How to Locate Repair Parts.

a. When National Stock Number or Part Number is Not Known.

(1) First. Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) Second. Find the figure covering the assembly group or subassembly group to which the item belongs.

(3) Third. Identify the item on the figure and use the Figure and Item Number Index to find the NSN.

b. When National Stock Number or Part Number is Known.

(1) First. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence (see 4.a.(1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see 4.b.). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) Second. After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

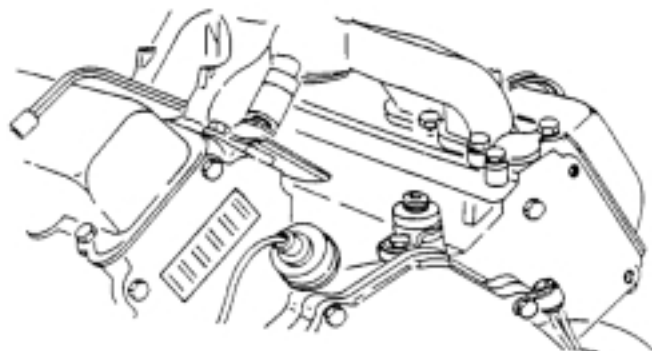
7. How to Identify Engine Models.

The 1990 and above engines have some new and revised parts which are not interchangeable with parts for previous model engines. Make sure you know which engine model you have before ordering replacement parts.

The 1990 engine is identified by a decal which is adhered to the left rocker arm cover. The 6.5L engine is identified by serial number bar code decal.



6.2 LITER



6.5 LITER

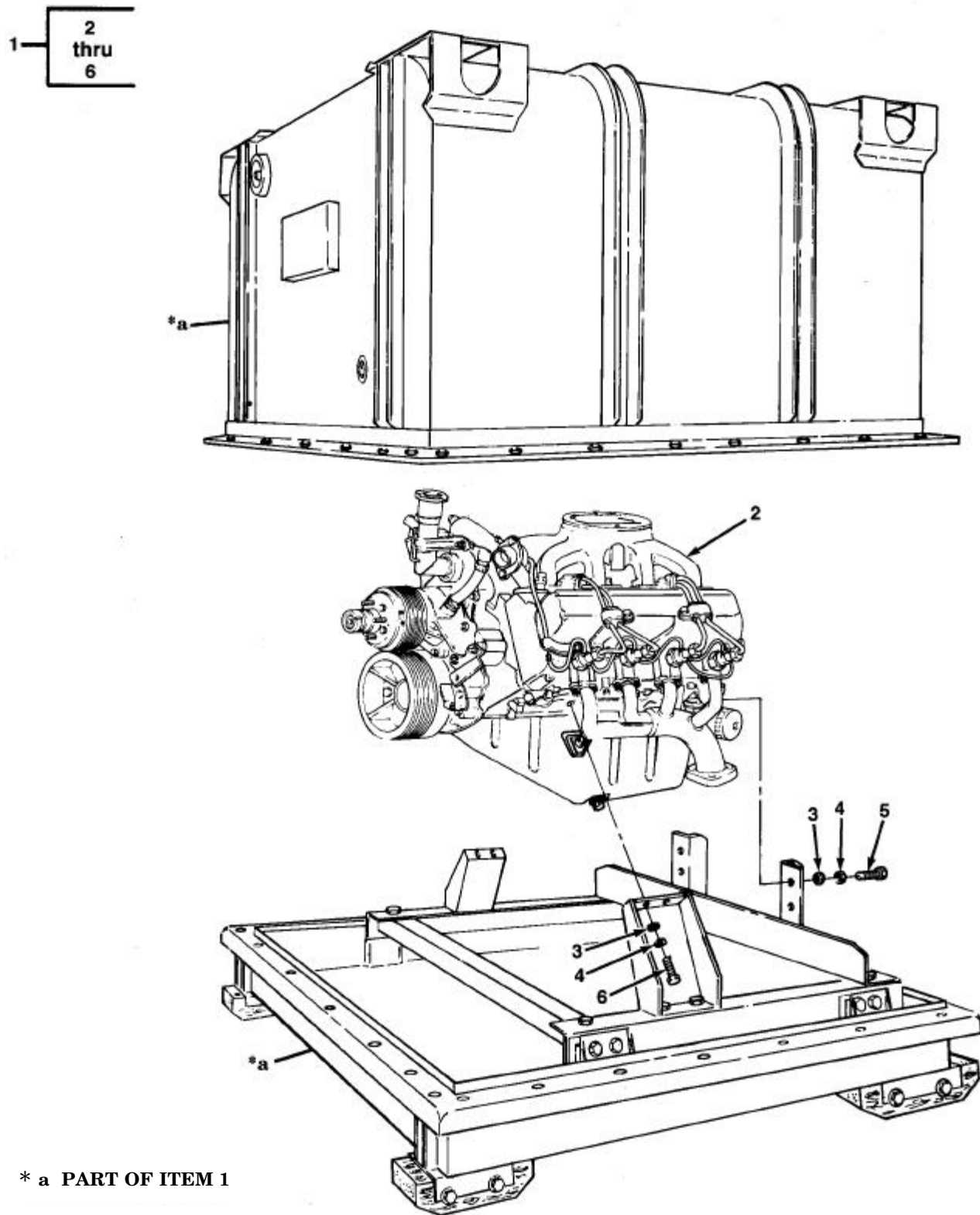
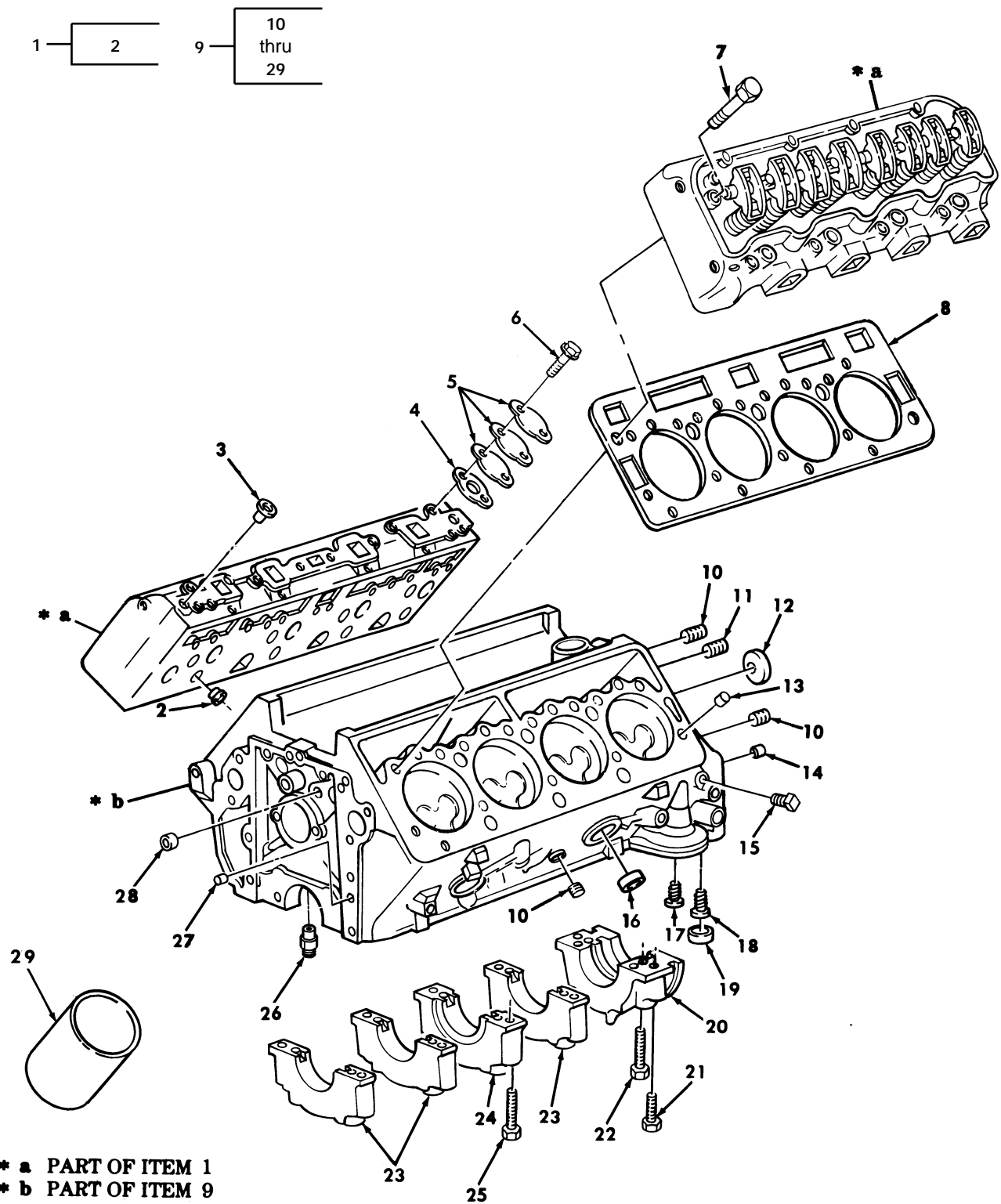


Figure 1. Engine and Container Assembly.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 01 ENGINE						
0100 ENGINE ASSEMBLY						
FIG. 1 ENGINE AND CONTAINER ASSEMBLY						
1	PAFHH	2815012313672	19207	5705684	ENGINE AND CONTAIN 6.2 LITER,USBL EFF 1 THRU 99,999.....	1
					UOC:10E	
1	PAFHH	2815013147940	19207	5705628	ENGINE AND CONTAIN 6.2 LITER,USBL EFF 100,000 AND ABOVE.....	1
					UOC:20E	
1	PAFHH	2815014066675	19207	57K3226	ENGINE,WITH CONTAIN 1996 6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT.....	1
					UOC:40E	
1	PAFHH	2815014396664	19207	57K3525	ENGINE,WITH CONTAIN 1997 6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT.....	1
					UOC:70E	
1	PAFHH	2815014537404	19207	57K3537	ENGINE,WITH CONTAIN 1998 6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT.....	1
					UOC:11E	
1	PAFHH	2815014109710	19207	57K3223	ENGINE,WITH CONTAIN 1995 AND 1996 6.5 LITER.....	1
					UOC:30E	
1	PAFHH	2815014396665	19207	57K3524	ENGINE,WITH CONTAIN 1997 6.5 LITER.	1
					UOC:60E	
1	PAFHH	2815014537403	19207	57K3536	ENGINE,WITH CONTAIN 1998 6.5 LITER.	1
					UOC:90E	
1	PAFHH	2815014204180	19207	57K3241	ENGINE,WITH CONTAIN 1996 6.5 LITER TURBO.....	1
					UOC:50E	
1	PAFHH	2815014398164	19207	57K3526	ENGINE,WITH CONTAIN 1997 6.5 LITER TURBO.....	1
					UOC:80E	
1	PAFHH	2815014537402	19207	57K3538	ENGINE,WITH CONTAIN 1998 6.5 LITER TURBO.....	1
					UOC:12E	
2	XAFHH		19207	12338770	.ENGINE,DIESEL 6.2 LITER,USBL EFF 1 THRU 99,999.....	1
					UOC:10E	
2	XAFHH		19207	12338770-4	.ENGINE,DIESEL 6.2 LITER,USBL EFF 100,000 AND ABOVE.....	1
					UOC:20E	
2	XAFHH		19207	12460163-1	.ENGINE,DIESEL 1996 6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT.....	1
					UOC:40E	
2	XAFHH		19207	12460163-3	.ENGINE,DIESEL 1997 6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT.....	1
					UOC:70E	

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
2	XAFHH		19207	12460163-5	.ENGINE,DIESEL 1998 6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:11E	1
2	XAFHH		19207	12447108-1	.ENGINE,DIESEL 1995 AND 1996 6.5 LITER..... UOC:30E	1
2	XAFHH		19207	12460490	.ENGINE,DIESEL 1997 6.5 LITER..... UOC:60E	1
2	XAFHH		19207	12469048	.ENGINE,DIESEL 1998 6.5 LITER..... UOC:90E	1
2	XAFHH		19207	RCSK18263	.ENGINE,TURBO 1996 6.5 LITER..... UOC:50E	1
2	XAFHH		19207	12460477	.ENGINE,TURBO 1997 6.5 LITER..... UOC:80E	1
2	XAFHH		19207	12469051	.ENGINE,TURBO 1998 6.5 LITER..... UOC:12E	1
3	PAFZZ	5310008094061	96906	MS27183-15	.WASHER,FLAT 7/16.....	8
4	PAFZZ	5310006379541	96906	MS35338-46	.WASHER,LOCK 3/8.....	8
5	PAFZZ	5305007813926	80204	B1821BH038C275N	.SCREW,CAP,HEXAGON H 3/8-16 X 2.750	4
6	PAFZZ	5305005432419	80204	B1821BH038C113N	.SCREW,CAP,HEXAGON H 3/8-16 X 1.125	4

END OF FIGURE

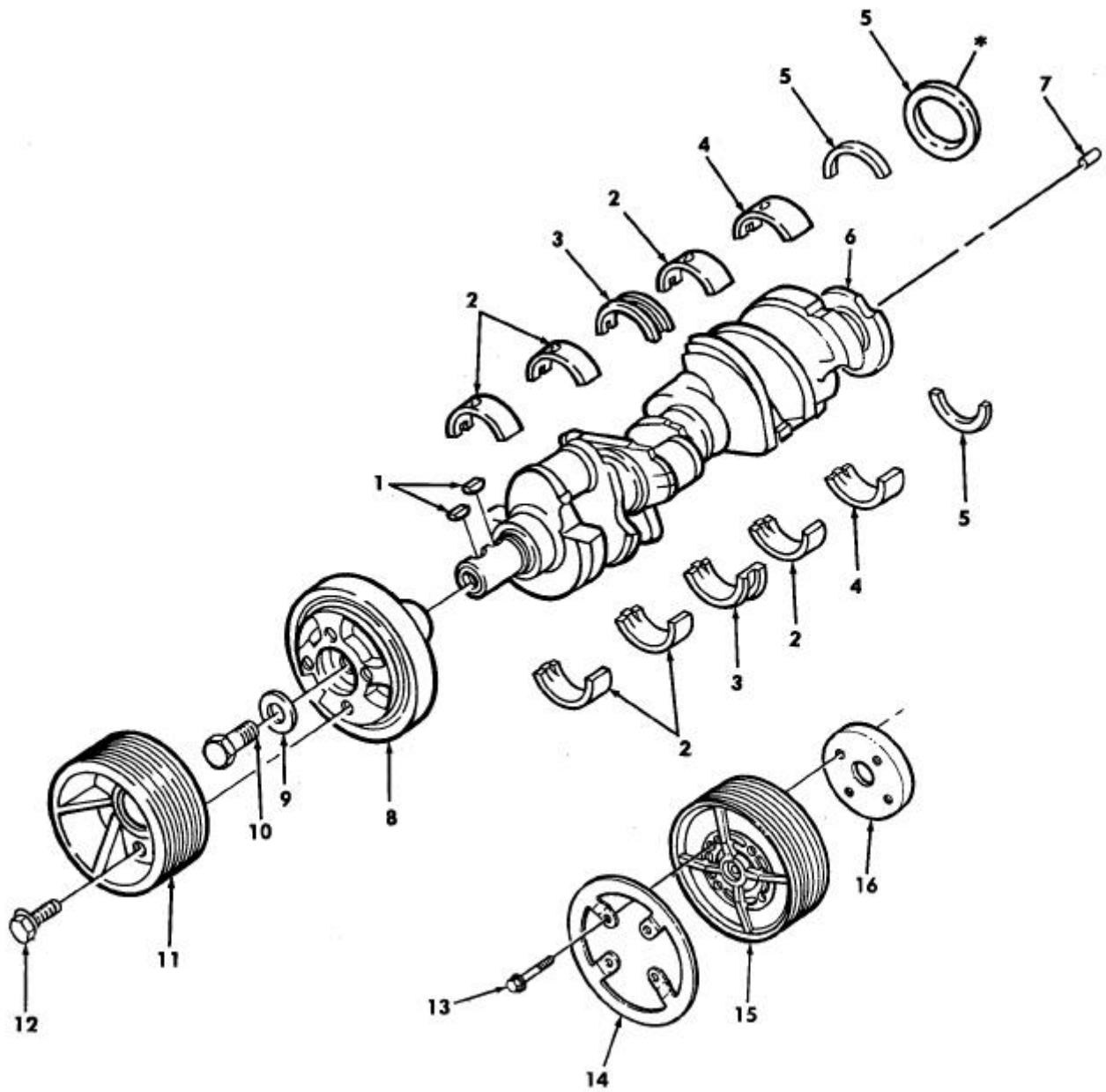


SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD	
					FIG. 2 ENGINE BLOCK ASSEMBLY AND CYLINDER HEAD	
1	PAFHH	2815012657071	7X677	14071072	CYLINDER HEAD,DIESE 6.2 LITER,USE PRIOR TO 1990 ENGINE.....	2
					UOC:10E,20E	
1	PAFHH	2815013134309	7X677	10163712	CYLINDER HEAD,DIESE 6.2 LITER,USE WITH 1990 AND ABOVE ENGINE.....	2
					UOC:20E	
1	PAFHH	2815014112137	7X677	10163726	CYLINDER HEAD,DIESE 6.5 LITER.....	2
					UOC:11E,30E,40E,60E,70E	
1	PAFHH	2815014351707	7X677	12556822	CYLINDER HEAD,DIESE 6.5 LITER TURBO	2
					UOC:12E,50E,80E	
2	PAHZZ	2815011647948	7X677	14025518	.CHAMBER,PRECOMBUSTI 6.2 LITER,USE PRIOR TO 1990 ENGINE.....	8
					UOC:10E	
2	PAHZZ	2815012465069	7X677	14069540	.CHAMBER,PRECOMBUSTI 6.2 LITER, 0.010 OVERSIZE,USE PRIOR TO 1990 ENGINE.....	8
					UOC:10E	
2	PAHZZ	2815013145435	7X677	10149688	.CHAMBER,PRECOMBUSTI 6.2 LITER,USE WITH 1990 AND ABOVE ENGINE.....	8
					UOC:20E	
2	PAHZZ	2815013144343	7X677	10163717	.CHAMBER,PRECOMBUSTI 6.2 LITER, 0.010 OVERSIZE,USE WITH 1990 AND ABOVE ENGINE.....	8
					UOC:20E	
2	PAHZZ	2815014122666	7X677	10230426	.CHAMBER,PRECOMBUSTI 6.5 LITER.....	8
					UOC:11E,30E,40E,60E,70E,90E	
2	PAHZZ	2815014131386	7X677	10230425	.CHAMBER,PRECOMBUSTI 6.5 LITER, 0.010 OVERSIZE.....	8
					UOC:11E,30E,40E,60E,70E,90E	
2	PAHZZ	2815014371016	7X677	10149629	.CHAMBER,PRECOMBUSTI 1996,6.5 LITER TURBO.....	8
					UOC:50E	
2	PAHZZ	2835014692648	24617	10183926	.CHAMBER,PRECOMBUSTI 1997,1998,6.5 LITER TURBO.....	8
					UOC:12E,80E	
2	PAHZZ	2815014371017	7X677	10230567	.CHAMBER,PRECOMBUSTI OVERSIZED,1996, 6.5 LITER TURBO.....	8
					UOC:50E	
2	PAHZZ	2835014692644	24617	12550985	.CHAMBER,PRECOMBUSTI OVERSIZED,1997, 1998,6.5 LITER TURBO.....	8
					UOC:12E,80E	
3	PAFZZ	5340011665640	7X677	14025517	PLUG,EXPANSION.....	4
4	PAFZZ	5330011490874	7X677	10137488	GASKET PART OF KIT P/N 12532481.....	2
5	PAFZZ	5340011646436	7X677	14045274	COVER,ACCESS.....	4
6	PAFZZ	5305013976850	24617	11502685	SCREW,CAP,HEXAGON H #10-1.5 X 30.0 MM.....	4
7	PAFZZ	5306011487456	7X677	14077193	BOLT,EXTERNALLY REL 6.2 LITER,12-	34

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					1.75 X 97MM.....	
					UOC:10E,20E	
7	PAFZZ	5306014108159	7X677	14077194	BOLT,MACHINE 6.5 LITER.....	34
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
8	PAFZZ	5330011576757	7X677	10163736	GASKET 6.2 LITER PART OF KIT P/N 12521443.....	2
					UOC:10E,20E	
8	PAFZZ	5330014422876	24617	12554979	GASKET 6.5 LITER,PART OF KIT P/N 12532481.....	2
					UOC:11E,12E,20E,30E,40E,50E,60E,70E,80E,90E	
9	XAHHH		7X677	23500104	BLOCK ASSEMBLY 6.2 LITER.....	1
					UOC:10E,20E	
9	XAHHH		7X677	12559369	BLOCK ASSEMBLY 6.5 LITER.....	1
					UOC:11E,90E	
9	XAHHH		7X677	12555547	BLOCK ASSEMBLY 6.5 LITER.....	1
					UOC:30E,	
9	XAHHH		7X677	12555549	BLOCK ASSEMBLY 6.5 LITER.....	1
					UOC:60E,70E	
9	XAHHH		7X677	12557358	BLOCK ASSEMBLY 6.5 LITER.....	1
					UOC:40E	
9	XAHHH		7X677	12553121	BLOCK ASSEMBLY 6.5 LITER TURBO.....	1
					UOC:50E,	
9	XAHHH		7X677	12555490	BLOCK ASSEMBLY 6.5 LITER TURBO.....	1
					UOC:80E	
9	XAHHH		7X677	12559372	BLOCK ASSEMBLY 6.5 LITER TURBO.....	1
					UOC:12E	
10	PAFZZ	4730000444655	12603	11F04	.PLUG,PIPE OIL PASSAGE,1/4-18.....	5
11	PAFZZ	5365011544378	7X677	444782	.PLUG,MACHINE THREAD OIL GALLERY,3/8-18.....	1
12	PAHZZ	5340011497977	7X677	3999200	.PLUG,EXPANSION CAMSHAFT.....	1
13	PAFZZ	5365011623797	7X677	12558081	.SPACER,RING.....	4
14	PAFZZ	5315011861352	7X677	12338119	.PIN,STRAIGHT,HEADLE FLYWHEEL HOUSING.....	2
15	PAFZZ	4730001874202	81348	WW-P-471AASBCC	.PLUG,PIPE 3/8-18.....	1
16	PAFZZ	5340004496408	7X677	10000462	.CAP,PROTECTIVE,DUST.....	6
17	PAHZZ	4820011531851	7X677	25011206	.VALVE,SAFETY RELIEF 6.2 LITER, FILTER BYPASS.....	1
					UOC:10E,20E	
17	PAHZZ	4820014369135	7X677	25014006	VALVE,SAFETY RELIEF.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
18	PAHZZ	6615011531852	7X677	25011208	.VALVE,SAFETY RELIEF 6.2 LITER,OIL COOLER BYPASS.....	1
					UOC:10E,20E	
18	PAHZZ	4820014407461	7X677	25161285	.VALVE,REGULATING,FL 6.5 LITER,OIL COOLER BYPASS.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
19	PAHZZ	2815011660621	7X677	14066310	.PLUG,PISTON PIN OIL COOLER BY-PASS	1
20	XAHZZ		7X677	14022666	.CAP,PILLOW BLOCK CRANKSHAFT BEARING,NO.5.....	1

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
20	XAHHZ		7X677	10183978	UOC:10E,20E .CAP,PILLOW BLOCK CRANKSHAFT BEARING NO.5.....	1
21	PAHHZ	5306011499668	7X677	14077192	UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E .BOLT,SHOULDER OUTBOARD,12-1.75 X 68MM.....	10
22	PAHHZ	5306011985515	7X677	14077195	.BOLT,EXTERNALLY REL INBOARD,12- 1.75 X 97MM.....	10
22	PAHHZ	5306014382320	7X677	23502575	BOLT,MACHINE..... UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E	10
23	XAHHZ		7X677	14022664	.CAP,PILLOW BLOCK CRANKSHAFT BEARING,NOS.1,2,4.....	3
23	XAHHZ		7X677	23502571	UOC:10E,20E .CAP,PILLOW BLOCK CRANKSHAFT BEARING NOS.1,2,4.....	3
24	XAHHZ		7X677	23502572	UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E .CAP,PILLOW BLOCK CRANKSHAFT BEARING,NO.3.....	1
24	XAHHZ		7X677	14022665	UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E .CAP,PILLOW BLOCK CRANKSHAFT BEARING,NO.3.....	1
25	PAHHZ		7X677	12552171	UOC:10E,20E .BOLT,SHOULDER OUTBOARD,M10-1.5 X 68 MM.....	4
26	PAHHZ		7X677	12555504	UOC:11E,12E,50E,60E,70E,80E,90E .NOZZLE PISTO OIL SPRAY.....	8
27	PAFZZ	5315011499712	7X677	14022670	UOC:11E,12E,50E,60E,70E,80E,90E .PIN,STRAIGHT,HEADLE.....	2
28	PAHHZ	4730014365769	7X677	12554844	.PLUG,PIPE,MAGNETIC..... UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E	2
29	PFHZZ	2815014562763	01RE3	SL195X	.CYLINDER SLEEVE 6.5 LITER ENGINE, V 1/16 INCH WALL.....	V
29	PFHZZ	2815014186415	01RE3	SL-1152	UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E .CYLINDER SLEEVE 6.2 LITER.....	V
29	PFHZZ	2815014562772	01RE3	SL195	UOC:10E,20E .CYLINDER SLEEVE 6.5 LITER, 3/32 INCH WALL.....	V
29	PFHZZ	2815014562774	01RE3	SL295	UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E .CYLINDER SLEEVE 6.5 LITER ENGINE, V 1/8 INCH WALL.....	V

END OF FIGURE



*** USED ON 6.5 LITER ONLY**

Figure 3. Crankshaft, Damper, Bearings, and Pulley.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0102 CRANKSHAFT						
FIG. 3 CRANKSHAFT, DAMPER, BEARINGS, AND PULLEY						
1	PAFZZ	5315003935865	7X677	106751	KEY,SEA WATER PUMP.....	2
2	PAHZZ	3120011524239	7X677	18009096	BEARING,SLEEVE NOS.1,2,4,STANDARD..	3
2	PAHZZ	3120011528201	7X677	12531702	BEARING,SLEEVE NOS.1,2,4,.013 MM	3
UNDERSIZE.....						
2	PAHZZ	3120011537545	7X677	18009098	BEARING,SLEEVE NOS.1,2,4,.026 MM	3
UNDERSIZE.....						
3	PAHZZ	3120011522039	34623	5740201	BEARING,SLEEVE NO.3,STANDARD.....	1
3	PAHZZ	3120011733728	7X677	14053400	BEARING,SLEEVE NO.3,.013 MM	1
UNDERSIZE.....						
3	PAHZZ	3120011753813	7X677	23500111	BEARING,SLEEVE NO.3,.026 MM	1
UNDERSIZE.....						
4	PAHZZ	3120011521989	7X677	14055002	BEARING,SLEEVE NO.5,STANDARD.....	1
4	PAHZZ	3120011773064	7X677	14055003	BEARING,SLEEVE NO.5,.013 MM	1
UNDERSIZE.....						
4	PAHZZ	3120011817938	7X677	14055004	BEARING,SLEEVE NO.5,.026 MM	1
UNDERSIZE.....						
5	PAFZZ	5330012491629	7X677	23500139	SEAL,PLAIN ENCASED REAR MAIN,6.2 LITER PART OF KIT P/N 12514590.....	2
UOC:10E,20E						
5	PAFZZ	5330013788577	7X677	23503969	SEAL,PLAIN REAR MAIN,6.5 LITER PART OF KIT P/N 12514591-RB-12532530.....	1
UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E						
6	PAHZZ	2815011489535	7X677	23500246	CRANKSHAFT,ENGINE 6.2 LITER.....	1
UOC:10E,20E						
6	PAHZZ	2815014113964	7X677	23502596	CRANKSHAFT,ENGINE 6.5 LITER.....	1
UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E						
7	PAHZZ	5315011495433	7X677	3701679	PIN,STRAIGHT,HEADLE.....	1
8	PAFZZ	2805011497859	7X677	14022671	DAMPER ASSEMBLY,TOR 6.2 LITER.....	1
UOC:10E,20E						
8	PAFZZ	2815014112138	7X677	10154688	DAMPENER,VIBRATION, 6.5 LITER.....	1
UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E						
9	PAFZZ	5310011478744	7X677	23504011	WASHER,FLAT 16.5MM.....	1
UOC:11E,12E,20E,30E,40E,50E,60E,70E,80E,90E						
10	PAFZZ	5305011483686	7X677	14022672	SCREW,CAP,HEXAGON H 16-1.5 X 50 MM.	1
11	PAFZZ	3020011883884	19207	12339393	PULLEY,GROOVE.....	1
UOC:10E,11E,20E,40E,70E						
12	PAFZZ	5306012519188	19207	12340845-1	BOLT,MACHINE 10-1.5 X 20MM.....	4
13	PAFZZ	5305013601136	73342	11505328	SCREW,CAP,HEXAGON H #10-1.5 X 90MM.	4
UOC:12E,30E,50E,60E,80E,90E						
14	PAFZZ	4730014441115	34623	EX4412	FLANGE,PULLEY.....	1
UOC:12E,30E,50E,60E,80E,90E						
15	PAFZZ	3020014427485	34623	RCSK17749	PULLEY ASSEMBLY,ISO.....	1
UOC:12E,30E,50E,60E,80E,90E						
16	PAFZZ	5365014557545	34623	RCSK17748	SPACER,RING.....	1

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UC) QTY	
					UC:12E,20E,30E,40E,50E,60E,70E,80E,90E	

END OF FIGURE

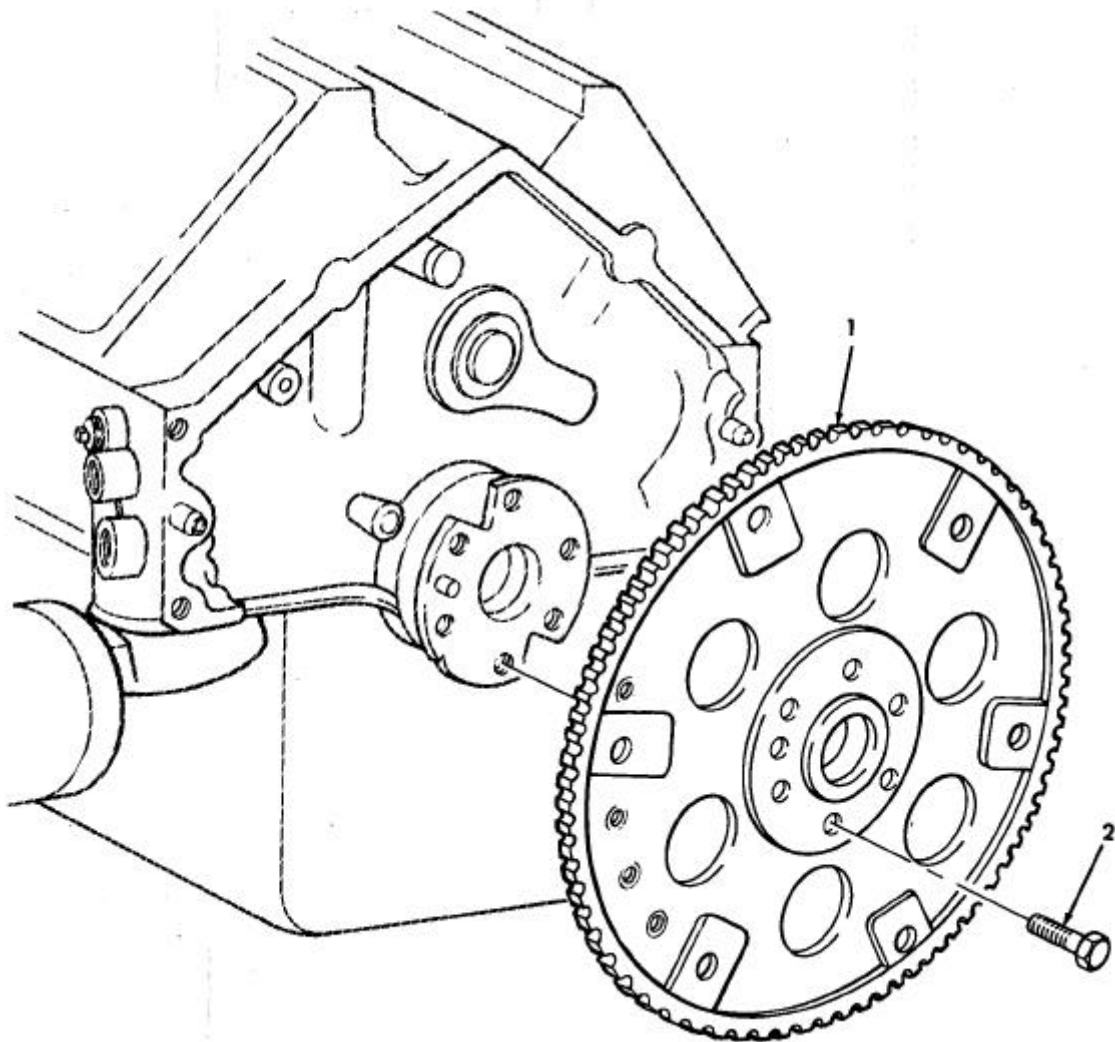
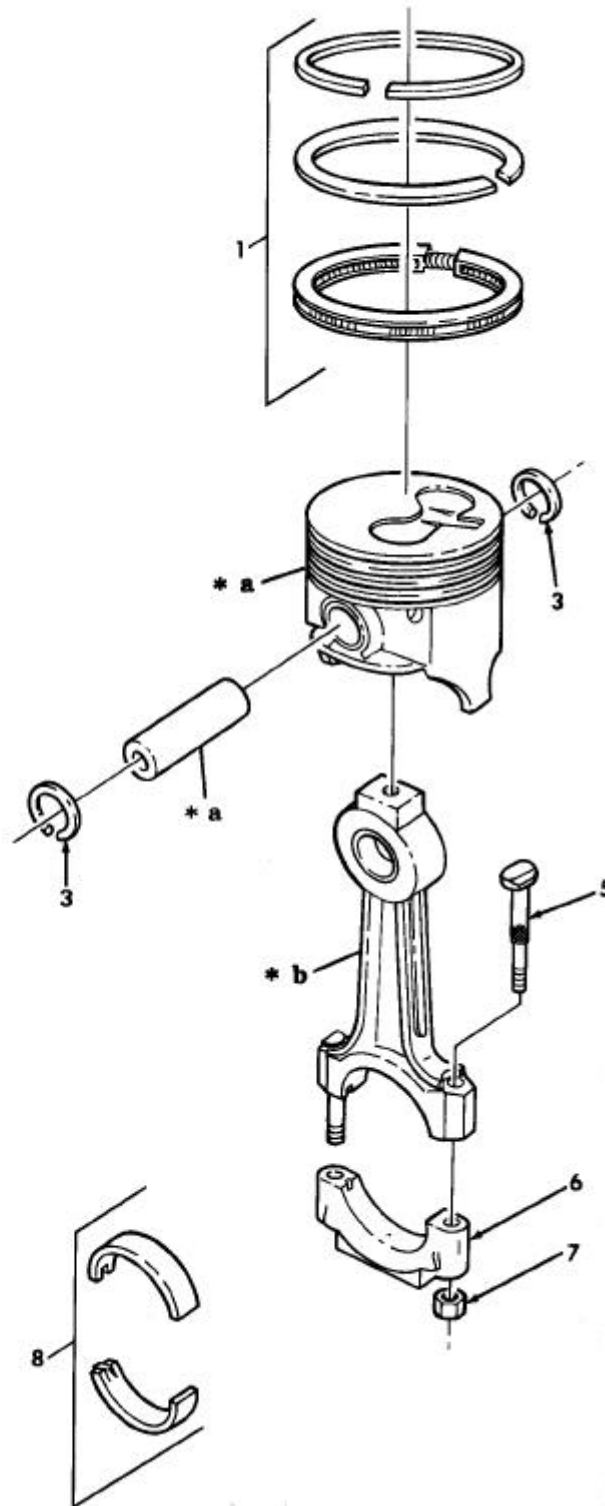
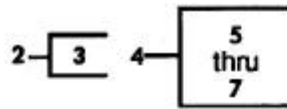


Figure 4. Flywheel.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UC)	QTY
GROUP 0103 FLYWHEEL ASSEMBLY						
FIG. 4 FLYWHEEL						
1	PAFZZ	2815011483771	7X677	14077157	FLYWHEEL,ENGINE.....	1
2	PAFZZ	5306011488198	7X677	3727207	BOLT,MACHINE 7/16-20 X .70.....	6
END OF FIGURE						

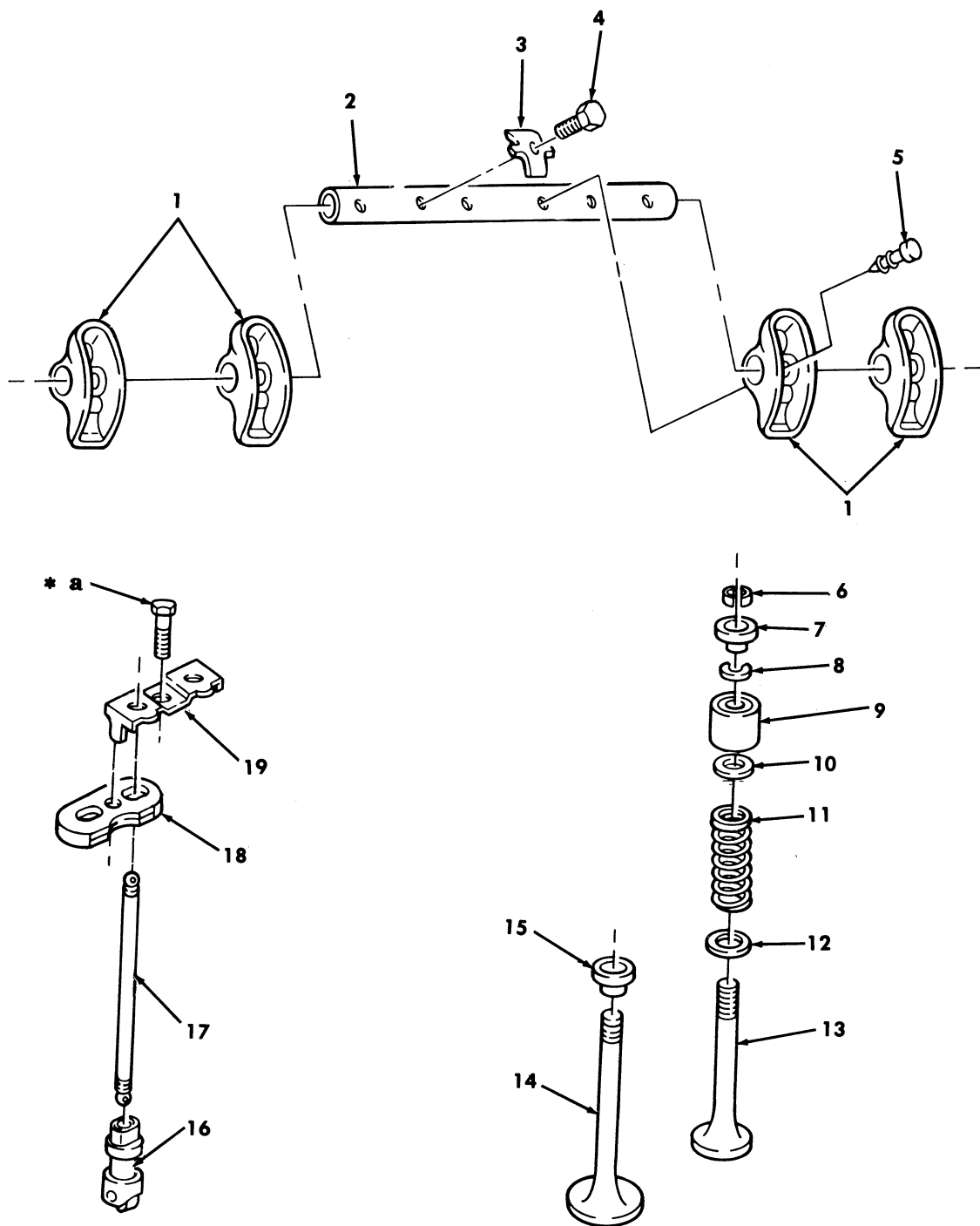


* a PART OF ITEM 2
 * b PART OF ITEM 4

Figure 5. Piston Assembly, Rod Assembly, and Ring Set.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0104 PISTON, CONNECTING RODS						
FIG. 5 PISTON ASSEMBLY, ROD ASSEMBLY, AND RING SET						
1	PAHZZ	2815011637838	7X677	15537018	RING SET,PISTON 6.2 LITER,STANDARD.	8
					UOC:10E,20E	
1	PAHZZ	2815013991020	7X677	12369198	RING SET,PISTON 6.5 LITER,STANDARD.	8
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
1	PAHZZ	2815011639999	7X677	15537020	RING SET,PISTON 6.2 LITER,.75 MM OVERSIZE.....	8
					UOC:10E,20E	
1	PAHZZ	2815014126760	7X677	12510753	RING SET,PISTON 6.5 LITER,.50 MM OVERSIZE.....	8
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
2	PAHZZ	2815012465268	7X677	23500391	PISTON,INTERNAL COM 6.2 LITER, STANDARD.....	8
					UOC:10E,20E	
2	PAHZZ	2815014128161	7X677	12550059	PISTON,INTERNAL COM 6.5 LITER, STANDARD.....	8
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
2	PAHZZ	2815012465269	7X677	23500393	PISTON,INTERNAL COM 6.2 LITER,.75 MM OVERSIZE.....	8
					UOC:10E,20E	
2	PAHZZ	2815014128162	7X677	12550062	PISTON,INTERNAL COM 6.5 LITER,.50 MM OVERSIZE.....	8
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
2	PAHZZ	2815011640138	53781	2637PN STD	PISTON,INTERNAL COM 6.2 LITER,HIGH LIMIT.....	8
					UOC:10E,20E	
3	PAHZZ	5325012340447	7X677	23500298	.RING,RETAINING.....	2
4	PAHZZ	2815011502198	7X677	14025523	CONNECTING ROD,PIST.....	8
5	PAHZZ	5306011652425	7X677	14025526	.BOLT,MACHINE.....	2
6	XAHZZ		7X677	14025525	.CAP,CONNECTING ROD.....	1
7	PAHZZ	5310011653333	7X677	14025527	.NUT,PLAIN,HEXAGON.....	2
8	PAHZZ	3120011553517	7X677	12517006	BEARING HALF,SLEEVE STANDARD.....	8
8	PAHZZ	3120014233698	0B0B1	CB1286P.25MM	PARTS KIT,BEARING R .025MM UNDERSIZE	8
8	PAHZZ	2815014149135	34623	57K3224	PARTS KIT,PISTON AS.026MM UNDERSIZE	8

END OF FIGURE



* a PART OF ITEM 19

Figure 6. Valves, Guides, and Rocker Arm Assemblies.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0105 VALVES, CAMSHAFTS, AND TIMING SYSTEM						
FIG. 6 VALVES, GUIDES, AND ROCKER ARM ASSEMBLIES						
1	PAFZZ	2815011489540	7X677	23500074	ROCKER ARM,ENGINE P.....	16
2	PAFZZ	3040011924466	7X677	23500075	SHAFT,STRAIGHT.....	4
3	PAFZZ	2815011726780	7X677	14057296	RETAINER,ROCKER SHA.....	8
4	PAFZZ	5306011494395	7X677	11508355	BOLT,MACHINE 10-1.5 X 50 MM.....	8
5	PAFZZ	3040012127616	7X677	23500076	RETAINER,ROCKER ARM.....	16
6	PAHZZ	2805001557266	7X677	3947770	LOCK,VALVE SPRING R.....	32
7	PAHZZ	2805001557263	7X677	14042575	ROTOR,ENGINE POPPET.....	8
8	PAHZZ	2805007520158	7X677	10214034	SEAL INLET PART OF KIT P/N 12521443	16
					PART OF KIT P/N 12532481.....	
9	PAHZZ	5365011541484	7X677	14025515	SPACER,SLEEVE.....	16
10	PAHZZ	5330013157047	7X677	23502552	SEAL,PLAIN EXHAUST VALVE PART OF	8
					KIT P/N 12521443,PART OF KIT P/N	
					12532481.....	
11	PAHZZ	5360011757269	7X677	14025512	SPRING.....	16
12	PAHZZ	5310011576773	7X677	12337836	WASHER,FLAT.....	16
13	PAHZZ	2815013988487	7X677	10149663	VALVE,POPPET,ENGINE 6.5 LITER,	8
					EXHAUST,STANDARD.....	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
13	PAHZZ	2815014113965	7X677	10154626	VALVE,POPPET,ENGINE 6.5 LITER,	
					EXHAUST,.089 MM OVERSIZE.....	V
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
13	PAHZZ	2815013146887	7X677	10137454	VALVE,POPPET,ENGINE 6.2 LITER,	8
					EXHAUST,STANDARD.....	
					UOC:10E,20E	
13	PAHZZ	2815013144339	7X677	10137455	VALVE,POPPET,ENGINE 6.2 LITER,	V
					EXHAUST,.089 MM OVERSIZE.....	
					UOC:10E,20E	
13	PAHZZ	2815011658002	7X677	10137456	VALVE,POPPET,ENGINE 6.2 LITER,	V
					EXHAUST,.349 MM OVERSIZE,USE PRIOR	
					TO 1990 ENGINE.....	
					UOC:10E	
14	PAHZZ	2815011637189	7X677	14033927	VALVE,POPPET,ENGINE INTAKE,STANDARD	8
14	PAHZZ	2815011637190	7X677	14050658	VALVE,POPPET,ENGINE INTAKE,.089 MM	V
					OVERSIZE.....	
14	PAHZZ	2815011637191	7X677	14050659	VALVE,POPPET,ENGINE 6.2 LITER,	V
					INTAKE,.349 MM OVERSIZE.....	
					UOC:10E,20E	
15	PAHZZ	2805011422631	7X677	14003974	CAP,ENGINE POPPET V.....	8
16	PAFZZ	2815011479358	7X677	5234530	TAPPET,ENGINE POPPE.....	16
17	PAFZZ	2815011500673	7X677	23503994	PUSH ROD,ENGINE POP.....	16
18	PAFZZ	2815011474200	7X677	14077148	PLATE,VALVE LIFTER.....	8
19	PAFZZ	2815011474201	7X677	14022640	CLAMP,VALVE LIFTER.....	8

END OF FIGURE

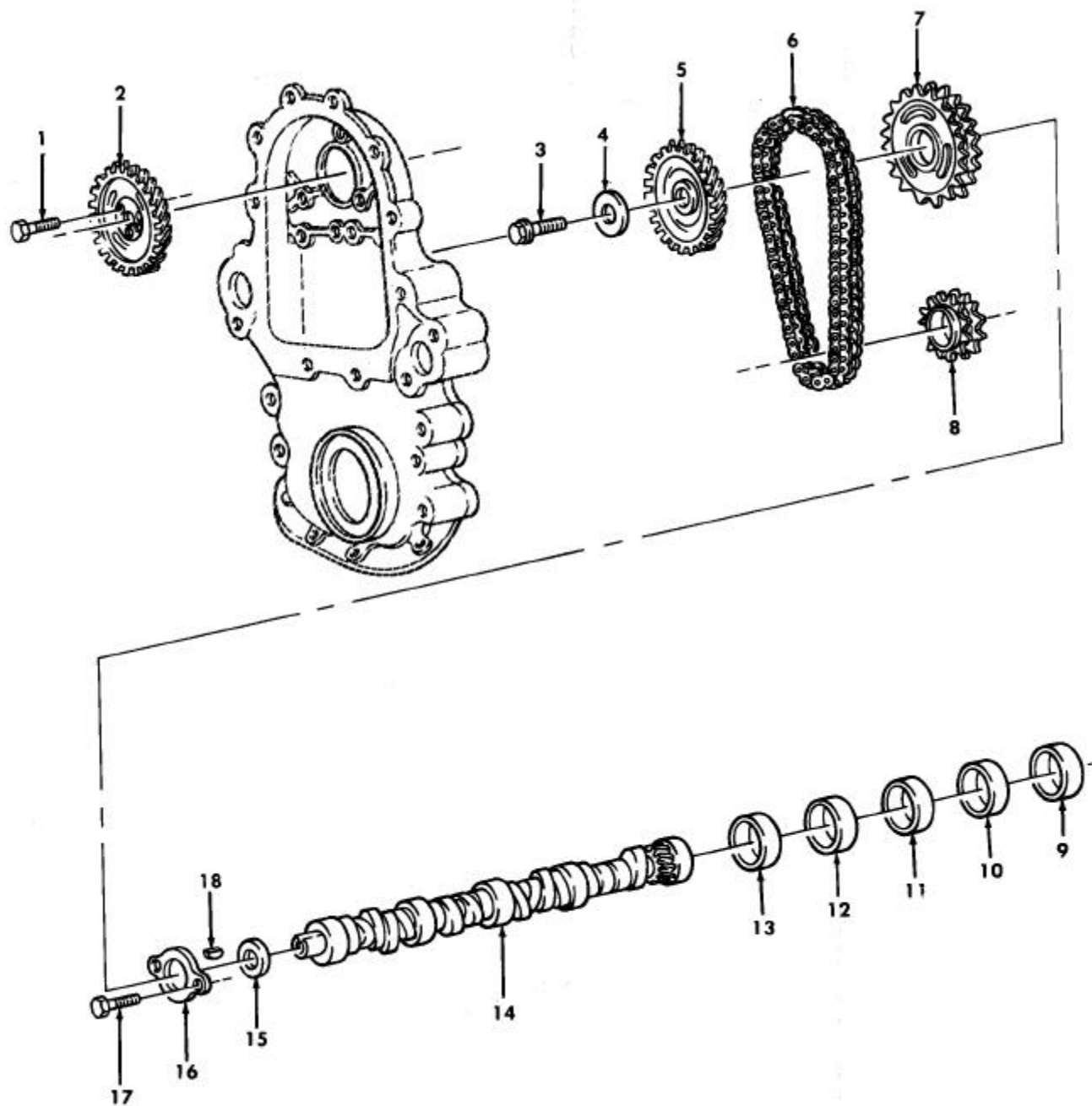


Figure 7. Camshaft, Timing Chain, and Related Parts.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0105 VALVES, CAMSHAFTS, AND TIMING SYSTEM						
FIG. 7 CAMSHAFT, TIMING CHAIN, AND RELATED PARTS						
1	PAFZZ	5305011627885	7X677	25534835	SCREW,ASSEMBLED WAS.....	3
2	PAFZZ	3020011488846	7X677	14022652	GEAR,HELICAL.....	1
3	PAFZZ	5305012511626	7X677	12337902	SCREW,CAP,HEXAGON H 12-1.75 X 40MM.	1
4	PAFZZ	5310011490870	7X677	14022648	WASHER,FLAT 12MM.....	1
5	PAFZZ	3020011489547	7X677	14022653	GEAR,HELICAL.....	1
6	PAFZZ	3020011555779	7X677	14022647	CHAIN,ROLLER.....	1
7	PAFZZ	3020011495915	7X677	14022645	SPROCKET WHEEL.....	1
8	PAFZZ	3020011502207	7X677	14022646	PULLEY,TIMING BELT 6.2 LITER.....	1
					UOC:10E,20E	
8	PAFZZ	3020014255380	7X677	10154689	SPROCKET WHEEL 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
9	KFHZZ	3120011525946	7X677	14048457	BEARING,SLEEVE NO.5,ORANGE PART OF KIT P/N 1496M.....	1
10	KFHZZ	3120011570914	7X677	14048456	BEARING,SLEEVE NO.4,GREEN PART OF KIT P/N 1496M.....	1
11	KFHZZ	3120011528200	7X677	14048455	BEARING,SLEEVE NO.3,YELLOW PART OF KIT P/N 1496M.....	1
12	KFHZZ	3120011525945	7X677	14048454	BEARING,SLEEVE NO.2,PINK PART OF KIT P/N 1496M.....	1
13	KFHZZ	3120014178084	0B0B1	SH1366S	PARTS KIT,BEARING R NO.1,PLAIN PART OF KIT P/N 1496M.....	1
14	PAHZZ	2815011486971	7X677	14066308	CAMSHAFT,ENGINE.....	1
15	PAHZZ	5365011501386	7X677	14022643	SPACER,RING.....	1
16	PAHZZ	3120011522612	7X677	14022644	BEARING,WASHER,THRU.....	1
17	PAHZZ	5305011491938	7X677	11509589	SCREW,CAP,HEXAGON H 8-1.25 X 16MM..	2
18	PAFZZ	5315003935865	7X677	106751	KEY,SEA WATER PUMP.....	1

END OF FIGURE

5- 6 thru 8

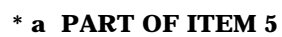


Figure 8. Crankcase Cover Assembly and Rocker Cover.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0105 VALVES, CAMSHAFTS, AND TIMING SYSTEM						
FIG. 8 CRANKCASE COVER ASSEMBLY AND ROCKER COVER						
1	PFFZZ	2815011489533	7X677	23501992	COVER,ENGINE POPPET.....	2
2	PAFZZ	5310011487479	7X677	580379	WASHER,FLAT 8 MM.....	16
3	PAFZZ	5306011494398	7X677	11500914	BOLT,MACHINE 8-1.25 X 12 MM.....	6
4	PAFZZ	5307011549586	7X677	14033818	STUD,SHOULDERED 8-1.25 X 1 X 12 MM.	10
5	PAFFF	2815011489534	7X677	12522839	COVER,TIMING GEAR,I.....	1
6	PAFZZ	5307011884684	7X677	10024396	.STUD,PLAIN.....	1
7	PAFZZ	5307011505993	7X677	22548601	.STUD,PLAIN 10-1.5 X 45.5 MM.....	2
8	PAFZZ	5330013983777	7X677	10191640	.SEAL,PLAIN ENCASED PART OF KIT P/N 12514590,PART OF KIT P/N 12514597-RB-12532530.....	1
9	PAFZZ	2990014117898	7X677	10154638	INDICATOR,TIMING,EN 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
9	PAFZZ		7X677	14024204	INDICATOR,TIMING,EN 6.2 LITER.....	1
					UOC:10E,20E	
10	PAFZZ	5305011646320	7X677	14003948	SCREW,MACHINE.....	2
11	PAFZZ	5310000806004	96906	MS27183-14	WASHER,FLAT.....	4
12	PAFZZ	5306011653310	7X677	11502804	BOLT,CLOSE TOLERANC 10-1.5 X 55 MM.	4
13	PAFZZ	5306011496280	7X677	1635490	BOLT,SELF-LOCKING 10-1.5 X 30 MM...	3
14	PAFZZ	2815011486966	7X677	14033820	BAFFLE,CRANKCASE,VE.....	1
15	PAFZZ	2930011478555	7X677	14024208	PLATE ASSEMBLY,WATE.....	1
					UOC:10E,11E,20E,40E,70E	
15	PAFZZ	2990014116556	7X677	23500805	MOUNTING PLATE,ENGI 6.5 LITER	1
					ENGINE.....	
					UOC:12E,30E,50E,60E,80E,90E	
16	PAFZZ	5307011501549	7X677	14045263	STUD,SHOULDERED 8-1.25 X 25 X 16.75 MM.....	2
17	PAFZZ	5310011552503	7X677	11514603	NUT,PLAIN,HEXAGON 10-1.5 MM.....	1
18	PAFZZ	5330013720636	73165	91599	GASKET.....	2
19	PAOZZ		7X677	10231255	PLUG.....	1
					UOC:10E,11E,20E,40E,70E	

END OF FIGURE

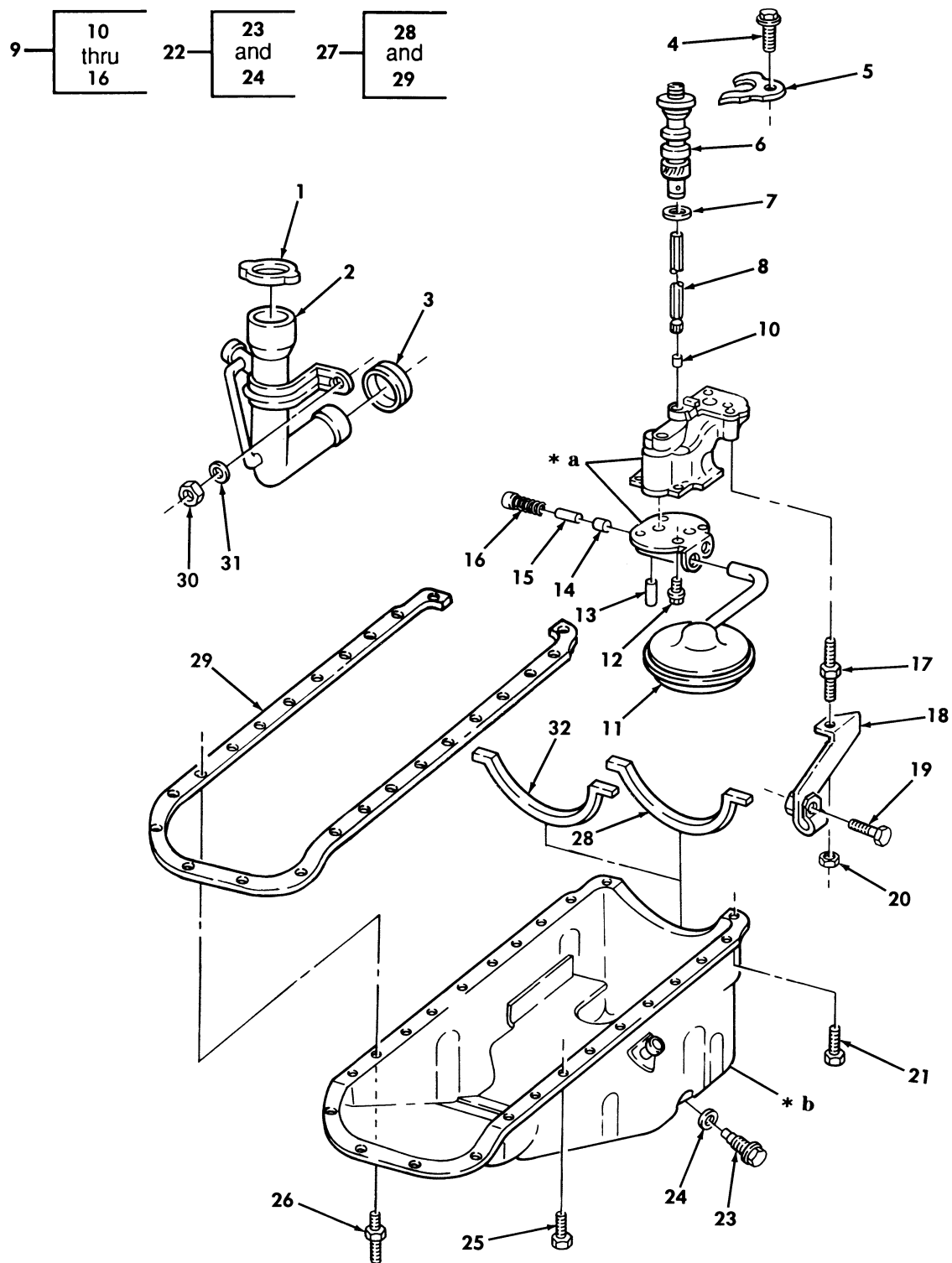


Figure 9. Engine Oil Pan, Pump, and Filler Tube.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM NO	SMR CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0106 ENGINE LUBRICATION SYSTEM						
FIG. 9 ENGINE OIL PAN, PUMP, AND FILLER TUBE						
1	PAOZZ	2590011965228	78225	AX2022-02	CAP,FILLER OPENING.....	1
2	PAOZZ	2590011474285	7X677	14071059	FILLER NECK.....	1
3	PAOZZ	5325011516117	7X677	14028942	GROMMET,NONMETALLIC.....	1
4	PAFZZ	5306011496280	7X677	1635490	BOLT,SELF-LOCKING 10-1.5 X 25MM....	1
5	PAFZZ	5342011604397	7X677	14022650	CLAMP.....	1
6	PAFZZ	2815014807632	7X677	26045801	DRIVE SHAFT ASSEMBL.....	1
					UOC:12E,50E,80E	
6	PAFZZ	2815014495585	7X677	7849306	DRIVE SHAFT ASSEMBL.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
7	PAFZZ	5330011565147	7X677	14022649	GASKET PART OF KIT P/N 12514590 PART OF KIT P/N 12514591-RB-12532530....	1
8	PAFZZ	3040011637208	7X677	14022699	SHAFT,STRAIGHT.....	1
9	PAFFF	2815011687871	72582	23502073	PUMP AND SCREEN,OIL.....	1
					UOC:10E,11E,20E,30E,40E,50E,70E	
9	PAFZZ		72582	12556342	PUMP AND OIL SCREEN.....	1
					UOC:12E,60E,80E,90E	
10	PAFZZ	5330011547159	7X677	477249	.RETAINER,PACKING.....	1
11	PAFZZ	2910011898851	34623	5740049	.STRAINER ELEMENT,SE.....	1
					UOC:10E,11E,20E,40E,70E	
11	PAFZZ		7X677	12556688	.STRAINER ELEMENT,SE 6.5 LITER.....	1
					UOC:12E,30E,50E,60E,80E,90E	
12	PAFZZ	5306011655582	7X677	11508600	.BOLT,MACHINE 6-1.0 X 20 MM.....	4
13	PAFZZ	5315008285487	7X677	838839	.PIN,GROOVED,HEADLES.....	1
14	PAFZZ	5340011945294	7X677	3704871	.DISK,SOLID,PLAIN.....	1
15	PAFZZ	2805003361716	7X677	3702366	.VALVE,RELIEF,PRESSU.....	1
16	PAFZZ	5360011651563	7X677	360582	.SPRING,HELICAL,COMP.....	1
17	PAFZZ	5307011870519	7X677	23500006	STUD,SHOULDERED AND 11-1.5 X 66 MM.	1
18	PAFZZ	5340013849987	34623	5741613	CLAMP,LOOP.....	1
					UOC:10E,11E,20E,30E,40E,50E,70E	
18	PAFZZ		7X677	12557708	BRACKET 6.5 LITER.....	1
					UOC:12E,60E,80E,90E	
19	PAFZZ	5306012537073	7X677	11508353	BOLT,MACHINE 8-1.25 X 30 MM.....	1
20	PAFZZ	5310012507679	72582	23521131	NUT 11-1.5 MM.....	1
21	PAOZZ	5306012303354	7X677	11508534	BOLT,MACHINE 8-1.25 X 16MM.....	2
22	PAOFF	2815011687912	34623	5588022	OIL PAN 6.2 LITER.....	1
					UOC:10E,20E	
22	PAOFF	2815014302599	7X677	12551755	OIL PAN 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
23	PAOZZ	5365011880782	72582	23011420	.PLUG,MACHINE THREAD.....	1
24	PAOZZ	5330008556045	96906	MS35769-9	.GASKET.....	1
25	PAOZZ	5305011509781	7X677	11503805	SCREW,CAP,HEXAGON H 6-1.0 X 16MM...	20
26	PAOZZ	5307011505992	7X677	14066307	STUD,SHOULDERED.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
26	PAOZZ	5307011964717	34623	5591286	STUD,SPECIAL 6-1.0 X 37.4MM.....	2
					UOC:10E,20E	
27	PAOZZ	5330013106780	73165	OS34400	GASKET SET 6.2 LITER.....	1

SECTION II			TM9-2815-237-34P			(6)	(7)	
(1)	(2)	(3)	(4)	(5)				
ITEM	SMR			PART				
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)		QTY	
28	PAOZZ	5330011507744	7X677	14022683	UOC:10E,20E .SEAL,NONMETALLIC SP 6.2 LITER.....		1	
29	PAOZZ	5330014255069	73165	91598	UOC:10E,20E .GASKET 6.2 LITER.....		1	
30	PAOZZ	5310011653331	7X677	22521550	UOC:10E,20E NUT,PLAIN,HEXAGON 8-1.25 MM.....		2	
31	PAOZZ	5310008093078	96906	MS27183-11	WASHER,FLAT 1/4.....		2	
32	PAOZZ	5330013788572	7X677	23502587	RETAINER,OIL SEAL 6.5 LITER.....		1	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E			

END OF FIGURE

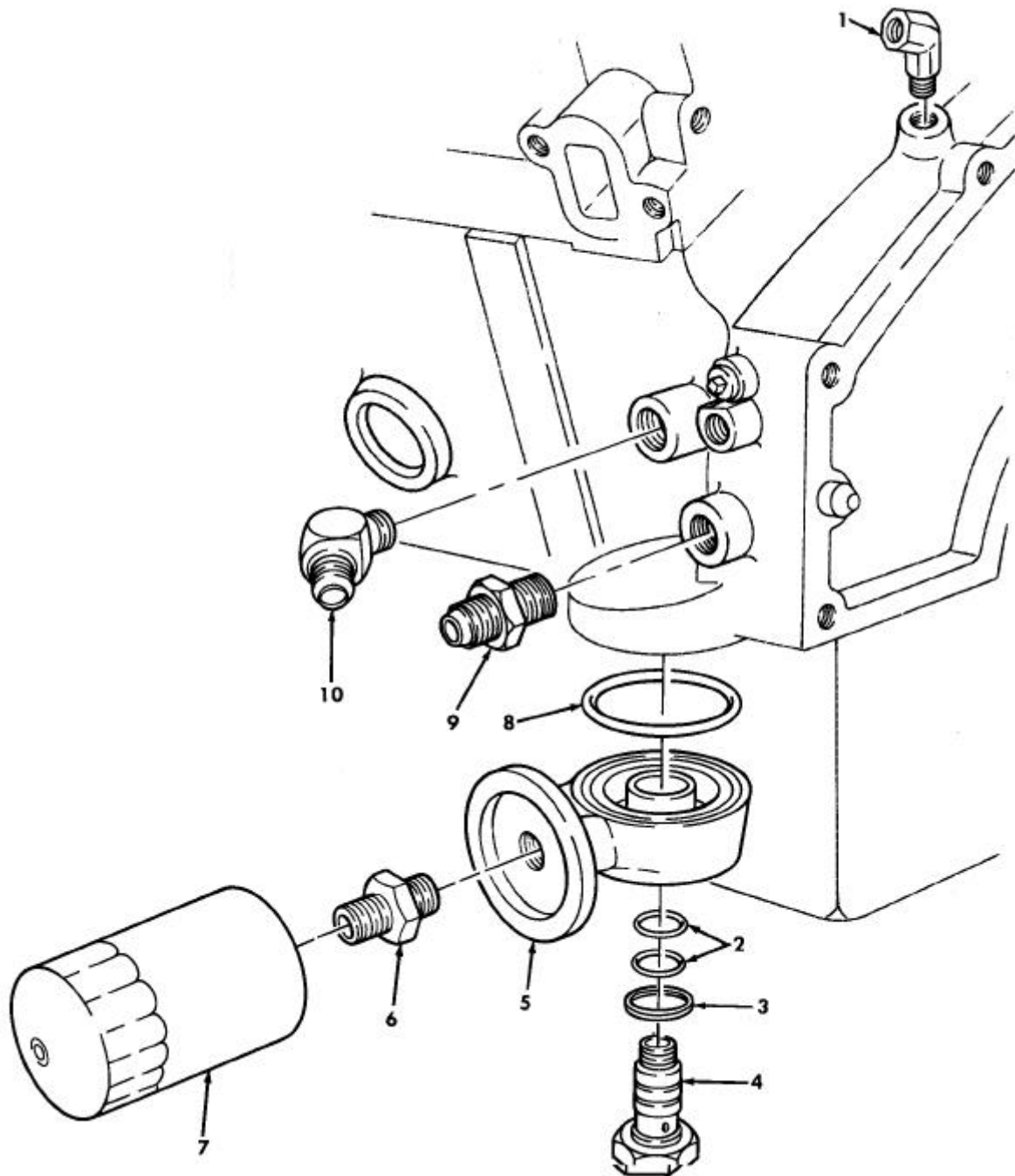


Figure 10. Oil Filter, Adapter, and Oil Line Fittings.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0106 ENGINE LUBRICATION SYSTEM						
FIG. 10 OIL FILTER, ADAPTER, AND OIL LINE FITTINGS						
1	PAOZZ	4730009115707	21450	454097	ELBOW,PIPE.....	1
2	PAOZZ	5331011074950	81349	M83461/1-020	O-RING.....	2
3	PAOZZ	5330011846500	19207	12339409	GASKET.....	1
4	PAOZZ	4730011876929	19207	12339410	BOLT,FLUID PASSAGE.....	1
5	PFOZZ	4330011687872	19207	12338780	BRACKET,FILTER MOUN.....	1
6	PAOZZ	4730011500879	7X677	14022700	REDUCER,BOSS.....	1
7	PAOZZ	4330013988484	70040	PF1218	FILTER ELEMENT,FLUI.....	1
8	PAOZZ	5331011830971	81349	M83461/1-236	O-RING.....	1
9	PAOZZ	4730004448489	81343	10-8070102BA	ADAPTER,STRAIGHT,PI.....	1
					UOC:11E,12E,40E,50E,60E,70E,80E,90E	
9	PAOZZ	4730010661278	96906	MS51500A10-6	ADAPTER,STRAIGHT,PI.....	1
					UOC:10E,20E,30E	
10	PAOZZ	4730012064810	81343	10-8070302C	ELBOW,PIPE TO TUBE.....	1
					UOC:11E,12E,40E,50E,60E,70E,80E,90E	
10	PAOZZ	4730007282393	01276	2023-6-10S	ELBOW,PIPE TO TUBE.....	1
					UOC:10E,20E,30E	

END OF FIGURE

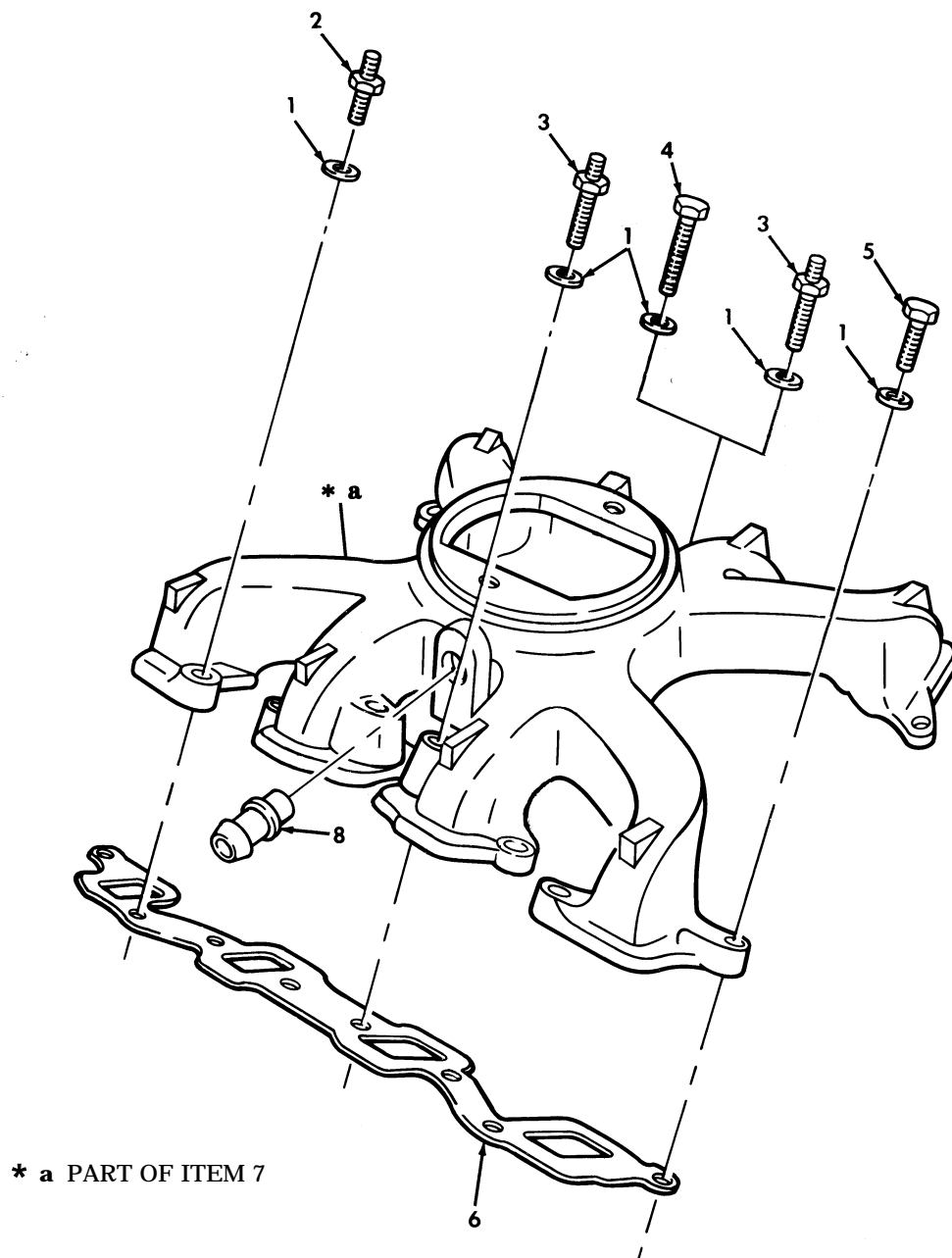
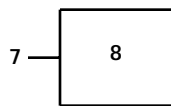


Figure 11. Air Intake Manifold (6.2L and 6.5L Naturally Aspirated).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0108 MANIFOLDS						
FIG. 11 AIR INTAKE MANIFOLD(6.2L AND 6.5L NATURALLY ASPIRATED)						
1	PAFZZ	5310008094061	96906	MS27183-15	WASHER,FLAT 7/16.....	16
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
2	PAFZZ	5307011501227	7X677	14033946	STUD,SHOULDERED 10-1.5 X 20 X 30 MM	7
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
3	PAFZZ	5307011505991	7X677	23500832	STUD,SHOULDERED 10-1.5 X 17 X 56 MM	5
					UOC:10E,11E,20E,40E,70E	
3	PAFZZ	5307011505991	7X677	23500832	STUD,SHOULDERED.....	4
					UOC:30E,60E,90E,	
4	PAFZZ	5305011485915	7X677	11505068	SCREW,CAP,HEXAGON H.....	1
					UOC:30E,60E,90E,	
5	PAFZZ	5306011496280	7X677	1635490	BOLT,SELF-LOCKING 10-1.5 X 30 MM...	4
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
6	KFFZZ		7X677	12555733	GASKET PART OF KIT P/N 12531704,	2
					PART OF KIT P/N 12521443.....	
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
7	PAFZZ	2815011687909	7X677	23500035	MANIFOLD,INTAKE.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
8	PAOZZ	4730011647028	7X677	14050444	.ADAPTER,STRAIGHT,TU.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	

END OF FIGURE

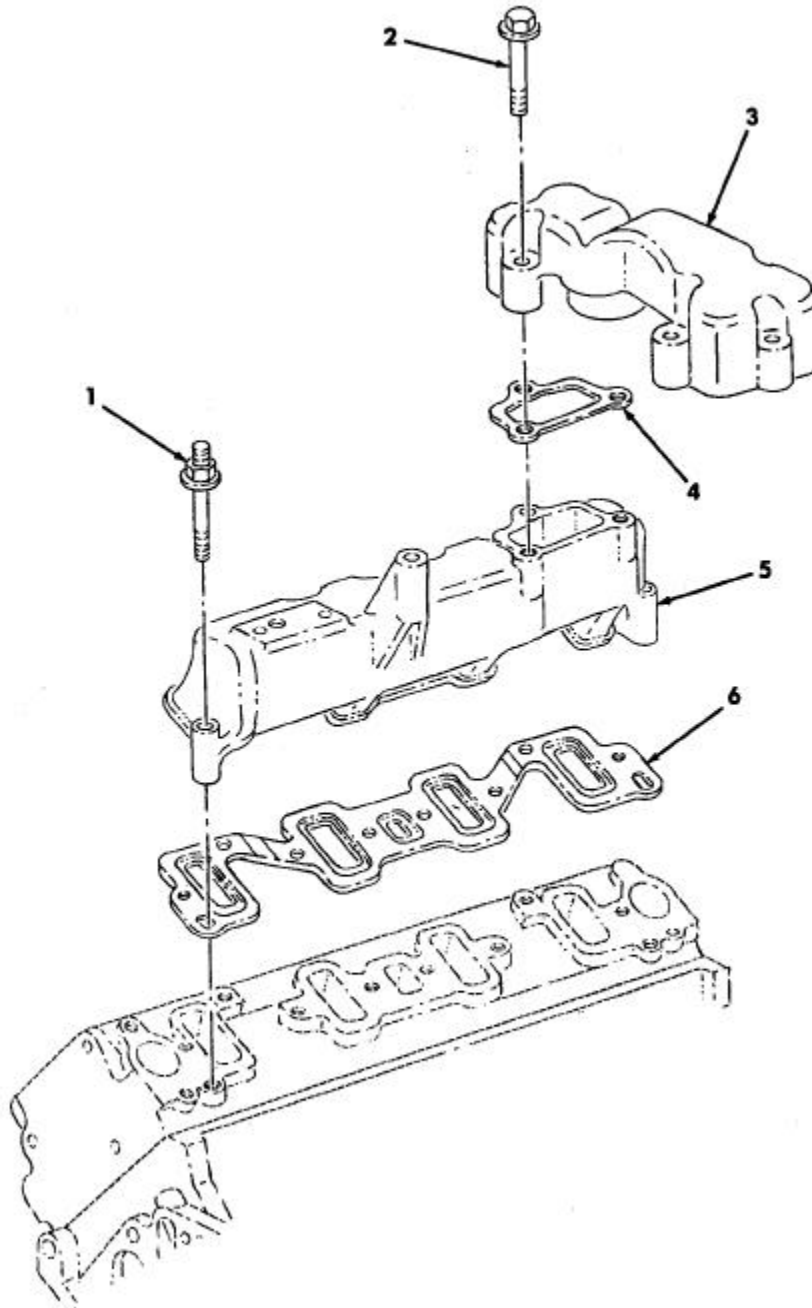


Figure 12. Air Intake Manifolds (6.5L Turbo).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0108 MANIFOLDS						
FIG. 12 AIR INTAKE MANIFOLDS (6.5L TURBO)						
1	PAFZZ	5307014382319	7X677	12553066	STUD, SHOULDERED.....	16
					UOC:12E,50E,80E	
2	PAFZZ	5306014382322	7X677	12554344	BOLT, MACHINE.....	6
					UOC:12E,50E,80E	
3	PAFZZ	2815014398163	34623	RCSK17829	MANIFOLD, INTAKE CENTER INLET.....	1
					UOC:12E,50E,80E	
4	PAFZZ	5330014370547	7X677	10211661	GASKET.....	1
					UOC:12E,50E,80E	
5	PAFZZ	2815014371015	7X677	10236744	MANIFOLD, INTAKE R.H.....	1
					UOC:12E,50E,80E	
5	PAFZZ	2815014371014	7X677	10236743	MANIFOLD, INTAKE L.H.....	1
					UOC:12E,50E,80E	
6	KFFZZ		7X677	12555733	GASKET PART OF KIT P/N 12531704,	2
					PART OF KIT P/N 12532481.....	
					UOC:12E,50E,80E	

END OF FIGURE

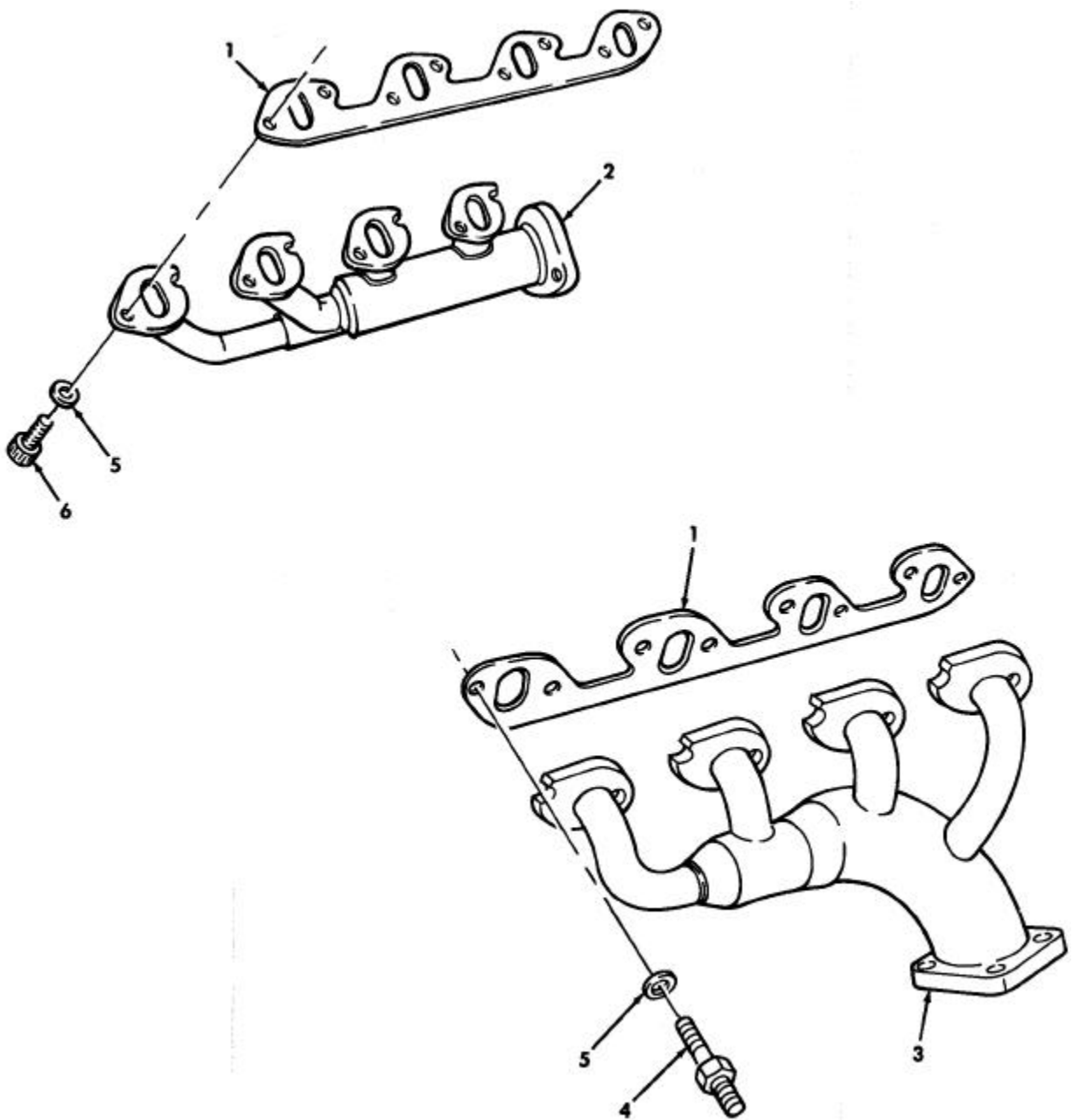


Figure 13. Exhaust Manifolds (6.2L and 6.5L Naturally Aspirated).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0108 MANIFOLDS ENGINE						
FIG. 13 EXHAUST MANIFOLDS (6.2L AND 6.5L NATURALLY ASPIRATED)						
1	PAOZZ	5330011940472	34623	5574856	GASKET.....	2
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
2	PAOZZ	2815011687917	19207	12338788	MANIFOLD,EXHAUST R.H.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
3	PAOZZ	2815011687918	19207	12338787	MANIFOLD,EXHAUST L.H.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
4	PAOZZ	5307013153597	19207	12339406-3	STUD,SHOULDERED L.H.,M10 X 1.5 X 30.0.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
5	PAOZZ	5310012101587	7X677	11500256	WASHER,FLAT 11MM.....	16
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
6	PAOZZ	5305011955818	19207	12339239-1	SCREW,CAP,SOCKET HE 10-1.5 X 25 MM.	15
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	

END OF FIGURE

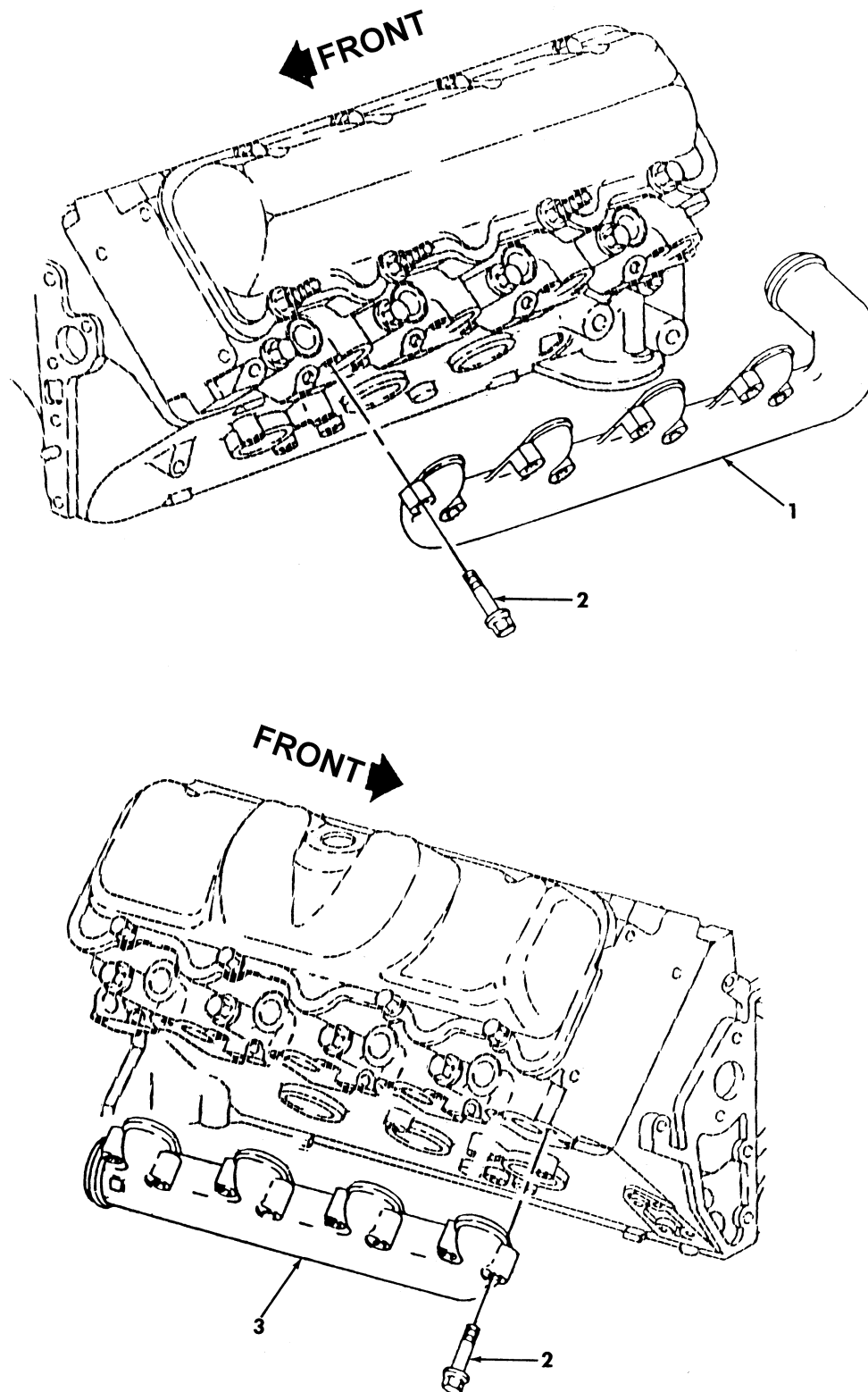


Figure 14. Exhaust Manifolds (6.5L Turbo).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0108 MANIFOLDS						
FIG. 14 EXHAUST MANIFOLDS (6.5L TURBO)						
1	PAOZZ	2815014371021	7X677	10238374	MANIFOLD,EXHAUST L.H.....	1
					UOC:12E,50E,80E	
2	PAOZZ	5306011496278	7X677	14028922	BOLT,MACHINE M10-1.5 X 65.....	16
					UOC:12E,50E,80E	
3	PAOZZ	2815014371027	7X677	10238373	MANIFOLD,EXHAUST R.H.....	1
					UOC:12E,50E,80E	
END OF FIGURE						

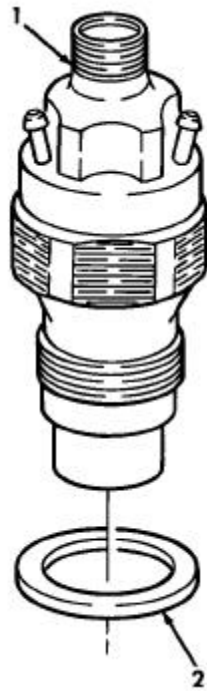
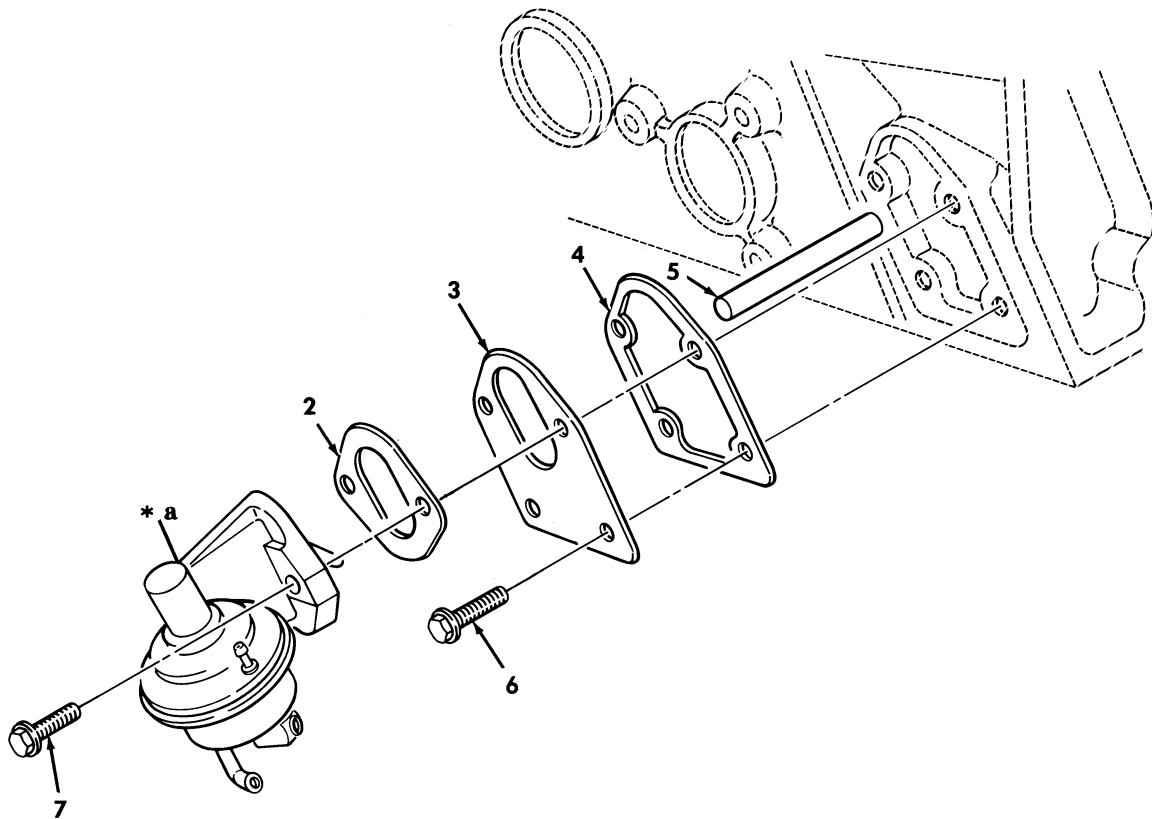


Figure 15. Fuel Injector Nozzle and Gasket.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 03 FUEL SYSTEM	
					0301 FUEL INJECTOR	
					FIG. 15 FUEL INJECTOR NOZZLE AND GASKET	
1	PAFZZ	2910011500950	7X677	14059057	NOZZLE,FUEL INJECTI 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	8
1	PAFZZ	2910012804283	7X677	14063606	NOZZLE,FUEL INJECTI 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.. UOC:20E	8
1	PAFZZ	2910013793752	7X677	10233972	INJECTOR ASSEMBLY,F 6.5 LITER..... UOC:11E,30E,40E,60E,70E,90E	8
1	PAFZZ	2910013991848	7X677	10233973	INJECTOR ASSEMBLY,F 6.5 LITER,TURBO UOC:12E,50E,80E	8
2	KFFZZ	5330011501215	7X677	14025557	GASKET PART OF KIT P/N 12532481 PART OF KIT P/N 12521443.....	8

END OF FIGURE

1-2



* a PART OF ITEM 1

Figure 16. Fuel Pump and Mounting Hardware.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0302 FUEL PUMP						
FIG. 16 FUEL PUMP AND MOUNTING						
HARDWARE						
1	PAOZZ	2910011687905	70040	6472357	PUMP,FUEL,CAM ACTUA.....	1
2	PAOZZ	5330007006868	70040	1538769	.GASKET PART OF KIT P/N 12514590	1
					PART OF KIT P/N 12514591-RB-12532530	
3	PAOZZ	2910004932138	7X677	3719599	PLATE,FUEL PUMP.....	1
4	PAOZZ	5330014728179	7X677	12560223	GASKET PART OF KIT P/N 12514590 PART	1
					OF KIT P/N 12514591-RB-12532530.....	
5	PAOZZ	5315011514180	7X677	14050425	PIN,STRAIGHT,HEADLE.....	1
6	PAOZZ	5306011514925	7X677	11509669	BOLT,ASSEMBLED WASH 6-1.0 X 13 MM..	2
7	PAOZZ	5306011487454	7X677	3895411	BOLT,ASSEMBLED WASH 3/8-16 X 1.44	2
					MM.....	

END OF FIGURE

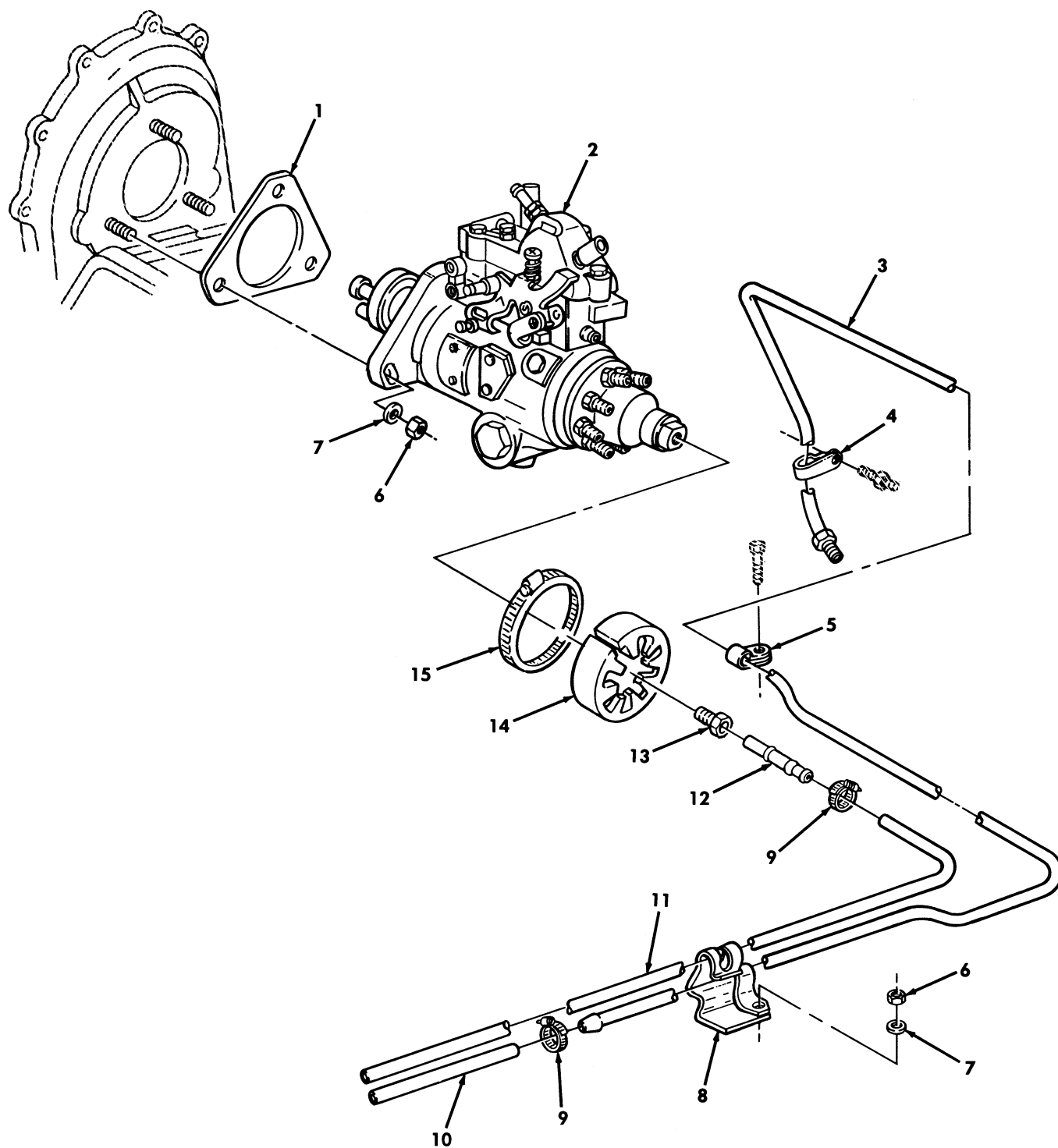


Figure 17. Fuel Injection Pump and Fuel Filter Lines (6.2L and 6.5L Naturally Aspirated).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0302 FUEL PUMP						
FIG. 17 FUEL INJECTION PUMP AND FUEL FILTER LINES(6.2L AND 6.5L NATURALLY ASPIRATED)						
1	PAFZZ	5330011505944	7X677	10137486	GASKET PART OF KIT P/N 12514591-RB- 12532530,PART OF KIT P/N 12514590...	1
2	PAFHH	2910011992355	84760	DB2829-4523	UOC:10E,11E,20E,30E,40E,60E,70E,90E PUMP,FUEL,METERING 6.2 LITER,USE PRIOR TO 1990 ENGINE.....	1
2	PAFHH	2910014141272	84760	DB2831-5149	UOC:10E PUMP,FUEL,METERING 6.5 LITER NATURALLY ASPIRATED.....	1
2	PAFHH	2910013269221	84760	DB2829-4879	UOC:30E,60E,90E PUMP,FUEL,METERING 6.2 LITER,USE WITH 1990 AND ABOVE ENGINE.....	1
2	PAFHH	2910014679029	84760	DB2831-5209	UOC:10E,20E PUMP,FUEL,METERING 6.5 LITER DETUNED UOC:11E,40E,70E	1
3	PAFZZ	4710011856179	34623	5741611	TUBE ASSEMBLY,METAL.....	1
4	PAFZZ	5340011488349	7X677	14033896	UOC:10E,11E,20E,30E,40E,60E,70E,90E CLIP,SPRING TENSION.....	1
5	PAOZZ	5340011487528	7X677	22511422	UOC:10E,11E,20E,30E,40E,60E,70E,90E CLAMP,LOOP.....	1
6	PAOZZ	5310011552503	7X677	11503639	UOC:10E,11E,20E,30E,40E,60E,70E,90E NUT,PLAIN,HEXAGON 10-1.5 MM.....	4
7	PAOZZ	5310008093078	96906	MS27183-11	UOC:10E,11E,20E,30E,40E,60E,70E,90E WASHER,FLAT 1/4.....	4
8	PAOZZ	5340011677794	7X677	14063340	UOC:10E,11E,20E,30E,40E,60E,70E,90E CLAMP,LOOP.....	1
9	PAOZZ	4730008716729	00360	11040838-1	UOC:10E,11E,20E,30E,40E,60E,70E,90E CLAMP,HOSE.....	2
10	MOOZZ		34623	5740702	UOC:10E,11E,20E,30E,40E,60E,70E,90E HOSE,NONMETALLIC MAKE FROM HOSE,P/ N 9438373,10 INCHES LONG.....	1
11	MOOZZ		72825	23500024	UOC:10E,11E,20E,30E,40E,60E,70E,90E HOSE,NONMETALLIC MAKE FROM HOSE,P/N 9438257,22 INCHES LONG.....	1
12	PAFZZ	4710011610138	7X677	12548430	UOC:10E,11E,20E,30E,40E,60E,70E,90E TUBE,METALLIC.....	1
13	PAFZZ	4730000142432	24617	137397	UOC:10E,11E,20E,30E,40E,60E,70E,90E INVERTED NUT,TUBE C.....	1
14	PAFZZ	5342012501098	19207	12339491-1	UOC:10E,11E,20E,30E,40E,60E,70E,90E BOOT.....	1
15	PAFZZ	4730009086292	96906	MS35842-14	UOC:10E,11E,20E,30E,40E,60E,70E,90E CLAMP,HOSE.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	

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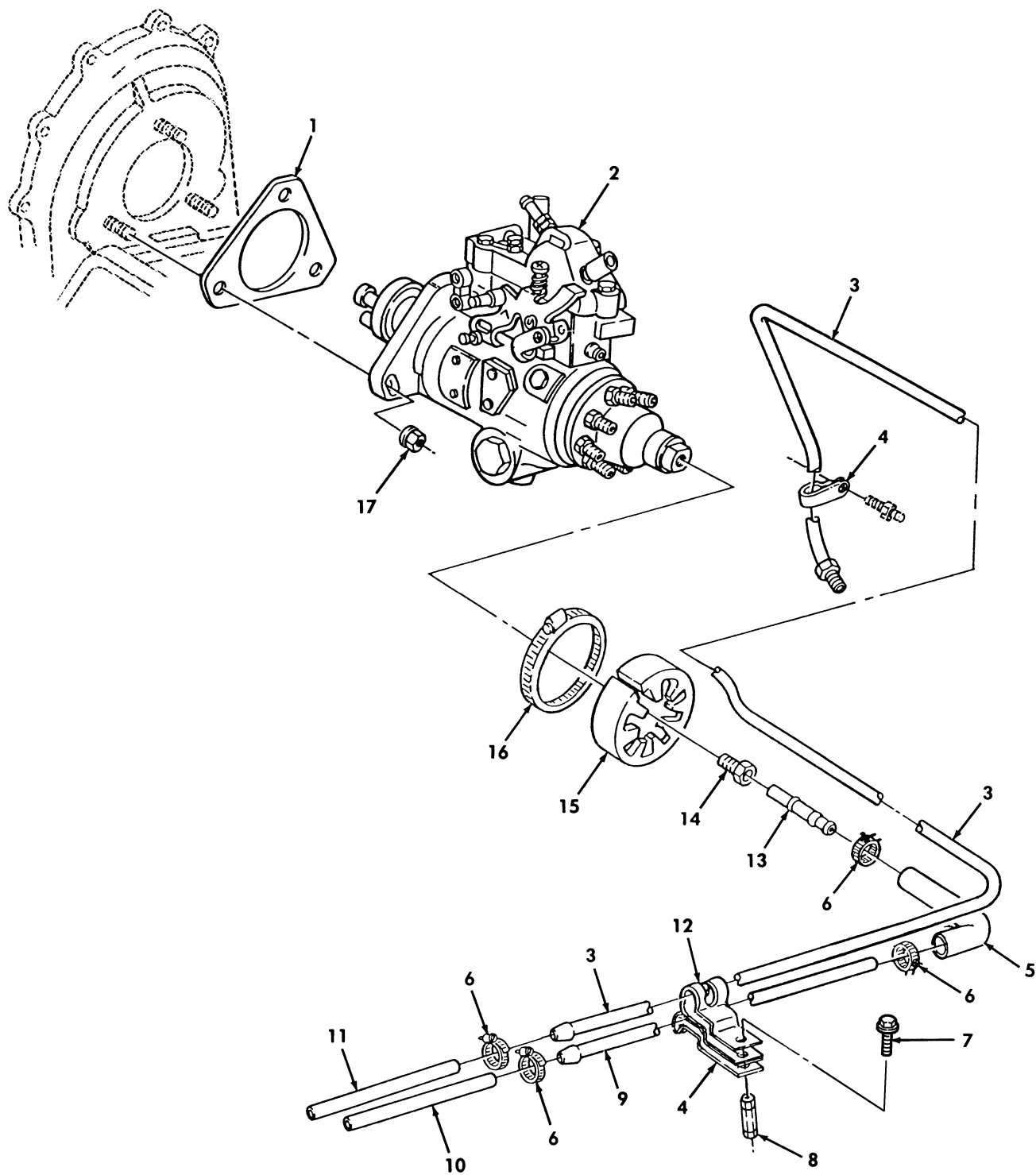


Figure 18. Fuel Injection Pump and Fuel Filter Lines (6.5L Turbo).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0302 FUEL PUMP						
FIG. 18 FUEL INJECTION PUMP AND FUEL FILTER LINES(6.5L TURBO)						
1	PAFZZ	5330011505944	7X677	10137486	GASKET PART OF KIT P/N 12514590, PART OF KIT P/N 12514591-RB-12532530 UOC:12E,50E,80E	1
2	PAFHH	2910014348597	84760	DB2831-5079	PUMP,FUEL,METERING..... UOC:12E,50E,80E	1
3	PAFZZ	4710011856179	34623	5741611	TUBE ASSEMBLY,METAL..... UOC:12E,50E,80E	1
4	PAOZA	5340014623446	7X677	14032383	CLAMP,LOOP..... UOC:12E,50E,80E	2
5	MOOZZ		7X677	12554629	HOSE,NONMETALLIC MAKE FROM HOSE,P/ N 9438257,4 INCHES LONG..... UOC:12E,50E,80E	1
6	PAOZZ	4730008716729	00360	11040838-1	CLAMP,HOSE..... UOC:12E,50E,80E	4
7	PAFZZ	5305013976850	24617	11502685	SCREW,CAP,HEXAGON H #10-1.5 X 20.0 MM..... UOC:12E,50E,80E	1
8	PAOZZ	5310014618011	7X677	12554517	NUT,PLAIN,BARREL..... UOC:12E,50E,80E	1
9	PAFZZ	4710014609630	7X677	12554094	TUBE ASSEMBLY,METAL PUMP..... UOC:12E,50E,80E	1
10	MOOZZ		34623	5740702	HOSE,NONMETALLIC MAKE FROM HOSE P/N 9438373,10 INCHES LONG..... UOC:12E,50E,80E	1
11	MOOZZ		72582	23500024	HOSE,NONMETALLIC MAKE FROM HOSE,P/N 9438257,8 INCHES LONG..... UOC:12E,50E,80E	1
12	PAOZZ	5342011301141	72582	8922216	CLIP..... UOC:12E,50E,80E	1
13	PAFZZ	4710011610138	7X677	12548430	TUBE ASSEMBLY,METAL..... UOC:12E,50E,80E	1
14	PAFZZ	4730000142432	24617	137397	INVERTED NUT,TUBE C..... UOC:12E,50E,80E	1
15	PAFZZ	5342012501098	19207	12339491-1	BOOT..... UOC:12E,50E,80E	1
16	PAFZZ	4730009086292	96906	MS35842-14	CLAMP,HOSE..... UOC:12E,50E,80E	1
17	PAOZZ	5310014624459	7X677	12550863	NUT,PLAIN,HEXAGON 10-1.5MM..... UOC:12E,50E,80E	3

END OF FIGURE

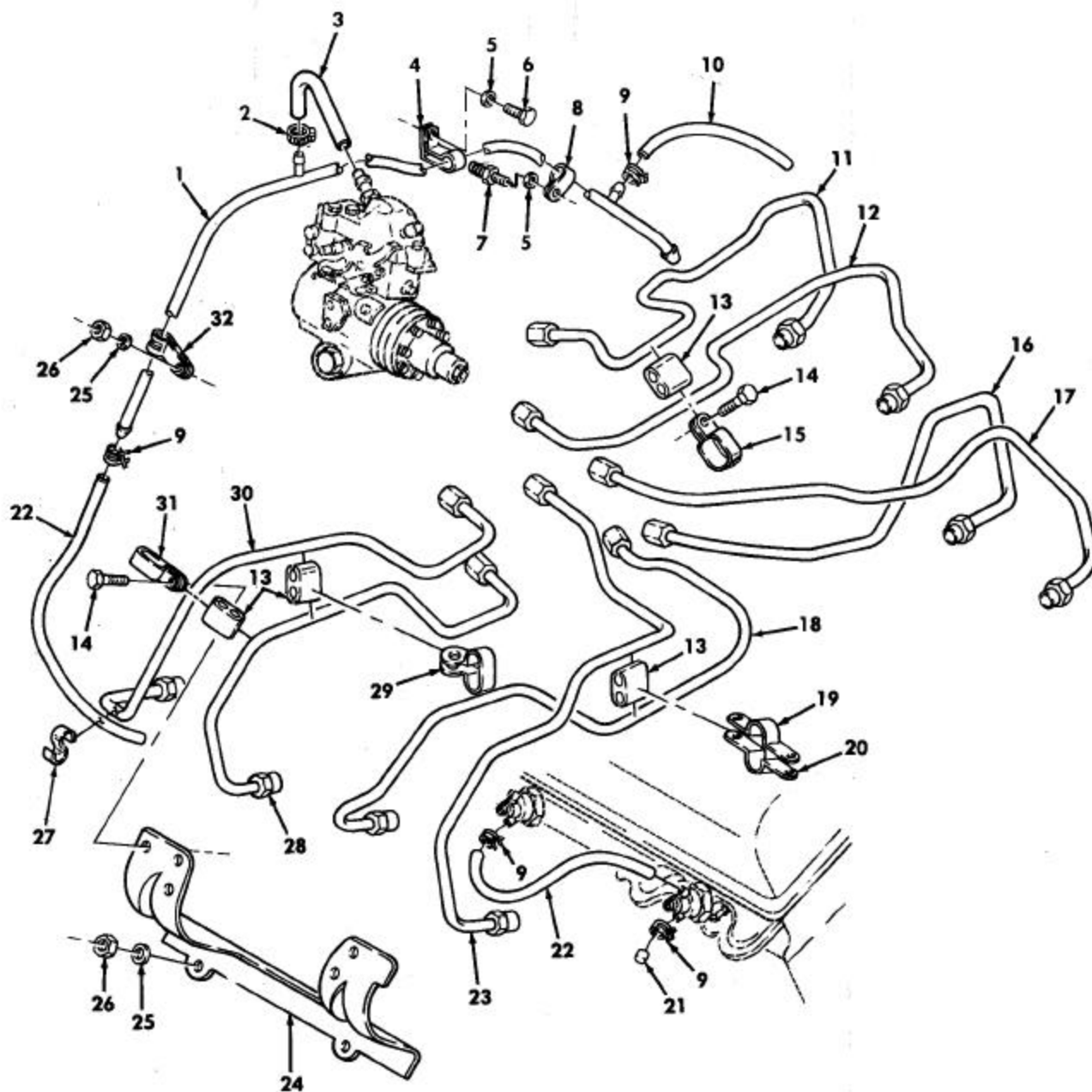


Figure 19. Fuel Injection Supply and Return Lines.

SECTION II					TM9-2815-237-34P	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0302 FUEL PUMP						
FIG. 19 FUEL INJECTION SUPPLY AND RETURN LINES						
1	PAOZZ	4710014469570	7X677	12554835	TUBE,BENT,METALLIC 6.5 LITER..... UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	1
1	PAOZZ	4710011482659	7X677	14061569	TUBE,BENT,METALLIC 6.2 LITER..... UOC:10E,20E	1
2	PAOZZ	4730011188278	76599	MMF4-SS	CLAMP,HOSE.....	2
3	MOOZZ		7X677	9439363	HOSE,NONMETALLIC MAKE FROM HOSE,P/ N 4219-3681,7 INCHES LONG.....	1
4	PAOZZ	5340011519956	7X677	14033893	CLAMP,LOOP.....	1
5	PAOZZ	5310000877493	96906	MS27183-13	WASHER,FLAT 3/8.....	2
6	PAOZZ	5306011483667	7X677	11504512	BOLT,MACHINE 10-1.5X16 MM.....	1
7	PAOZZ	5307011509538	15946	22515630	STUD,SHOULDERED.....	1
8	PAOZZ	5340008815303	96906	MS21333-45	CLAMP,LOOP.....	1
9	PAOZZ	4730001506118	19207	11663000	CLAMP,HOSE.....	18
10	MOOZZ		7X677	14066305-10	HOSE,NONMETALLIC MAKE FROM HOSE, P/N 9439046,10 INCHES LONG..... UOC:10E,20E	1
10	MOOZZ		7X677	14066305-7	HOSE,NONMETALLIC MAKE FROM HOSE, P/N 9439046,7 INCHES LONG..... UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	1
11	PAFZZ	4710011489580	7X677	14033912	TUBE ASSEMBLY,METAL 6.2 LITER,#2 CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:10E	1
11	PAFZZ	4710013144483	7X677	10149552	TUBE ASSEMBLY,METAL 6.2 LITER,#2 CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879..... UOC:10E,20E	1
11	PAFZZ	4710014128611	7X677	14098632	TUBE ASSEMBLY,METAL 6.5 LITER,#2 CYLINDER..... UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	1
12	PAFZZ	4710014121669	7X677	14098634	TUBE ASSEMBLY,METAL 6.5 LITER,#4 CYLINDER..... UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	1
12	PAFZZ	4710011495076	7X677	14033914	TUBE ASSEMBLY,METAL 6.2 LITER,#4 CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:10E	1
12	PAFZZ	4710013160222	7X677	10149554	TUBE ASSEMBLY,METAL 6.2 LITER,#4 CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879..... UOC:10E,20E	1
13	PAOZZ	5325011604618	7X677	23503124	GROMMET,NONMETALLIC.....	12
14	PAOZZ	5305011501521	7X677	11503617	SCREW,TAPPING.....	8
15	PAOZZ	5340011506026	7X677	14033955	CLAMP,LOOP.....	4
16	PAFZZ	4710011500971	7X677	14033916	TUBE ASSEMBLY,METAL 6.2 LITER,#6	1

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:10E	
16	PAFZZ	4710013144485	7X677	10149556	TUBE ASSEMBLY,METAL 6.2 LITER,#6	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:10E,20E	
16	PAFZZ	4710014118489	7X677	14098636	TUBE ASSEMBLY,METAL 6.5 LITER,#6	1
					CYLINDER.....	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
17	PAFZZ	4710014118492	7X677	14098638	TUBE ASSEMBLY,METAL 6.5 LITER,#8	1
					CYLINDER	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
17	PAFZZ	4710011489582	7X677	14033918	TUBE ASSEMBLY,METAL 6.2 LITER,#8	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:10E	
17	PAFZZ	4710013144484	7X677	10149558	TUBE ASSEMBLY,METAL 6.2 LITER,#8	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:10E,20E	
18	PAFZZ	4710014118488	7X677	14098635	TUBE ASSEMBLY,METAL 6.5 LITER,#5	1
					CYLINDER.....	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
18	PAFZZ	4710011531636	7X677	14033915	TUBE ASSEMBLY,METAL 6.2 LITER,#5	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:10E	
18	PAFZZ	4710013144487	7X677	10149555	TUBE ASSEMBLY,METAL 6.2 LITER,#5	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:10E,20E	
19	PAOZZ	5340011504106	7X677	14033921	STRAP,RETAINING.....	3
20	PAOZZ	5340011506275	7X677	14033922	STRAP,RETAINING.....	3
21	PAOZZ	5342011661534	7X677	14066301	CAP.....	2
22	MOOZZ		7X677	14066305-AR	HOSE,NONMETALLIC MAKE FROM HOSE P/N 9439046,LENGTH TO FIT.....	7
23	PAFZZ	4710014121667	7X677	14098637	TUBE ASSEMBLY,METAL 6.5 LITER,#7	1
					CYLINDER.....	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
23	PAFZZ	4710011495077	7X677	14033917	TUBE ASSEMBLY,METAL 6.2 LITER,#7	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:10E	
23	PAFZZ	4710013144486	7X677	10149557	TUBE ASSEMBLY,METAL 6.2 LITER,#7	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:10E,20E	
24	PFOZZ	5340011596626	7X677	14033824	BRACKET,DOUBLE ANGL L.H. AND R.H., 6.2 LITER,USE PRIOR TO 1990 ENGINE	2

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					WITH PUMP ASSEMBLY P/N DB2829-4523..	
					UOC:10E	
24	PFOZZ	5340011596626	7X677	14033824	BRACKET,DOUBLE ANGL R.H.,6.2 LITER,	1
					USE WITH 1990 ENGINE AND ABOVE,PUMP	
					ASSEMBLY DB2829-4879 OR 6.5 LITER...	
24	PFOZA	5340014409678	7X677	10163716	BRACKET,MOUNTING L.H.,6.2 LITER,	1
					USE WITH 1990 ENGINE AND ABOVE,PUMP	
					ASSEMBLY P/N DB2829-4879 OR 6.5	
					LITER.....	
25	PAOZZ	5310008093078	96906	MS27183-11	WASHER,FLAT 1/4.....	5
26	PAOZZ	5310011653331	7X677	22521550	NUT,PLAIN,HEXAGON #8-1.25 MM.....	5
27	PAOZZ	5340011870892	19207	12339890	CLIP,SPRING TENSION.....	1
28	PAFZZ	4710011489581	7X677	14033913	TUBE ASSEMBLY,METAL 6.2 LITER,#3	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N	
					DB2829-4523.....	
					UOC:10E	
28	PAFZZ	4710013144488	7X677	10149553	TUBE ASSEMBLY,METAL 6.2 LITER,#3	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N	
					DB2829-4879.....	
					UOC:10E,20E	
28	PAFZZ	4710014128615	7X677	14098633	TUBE ASSEMBLY,METAL 6.5 LITER,#3	1
					CYLINDER.....	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
29	PAOZZ	5340011507774	7X677	14033953	CLAMP,LOOP L.H.....	1
30	PAFZZ	4710014121668	7X677	14098631	TUBE ASSEMBLY,METAL 6.5 LITER,#1	1
					CYLINDER.....	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
30	PAFZZ	4710011495075	7X677	14033911	TUBE ASSEMBLY,METAL 6.2 LITER,#1	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N	
					DB2829-4523.....	
					UOC:10E	
30	PAFZZ	4710013144489	7X677	10149551	TUBE ASSEMBLY,METAL 6.2 LITER,#1	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N	
					DB2829-4879.....	
					UOC:10E,20E	
31	PAOZZ	5340011487529	7X677	560613	CLAMP,LOOP.....	4
32	PAOZZ	5340011519957	7X677	14033895	CLAMP,LOOP.....	1

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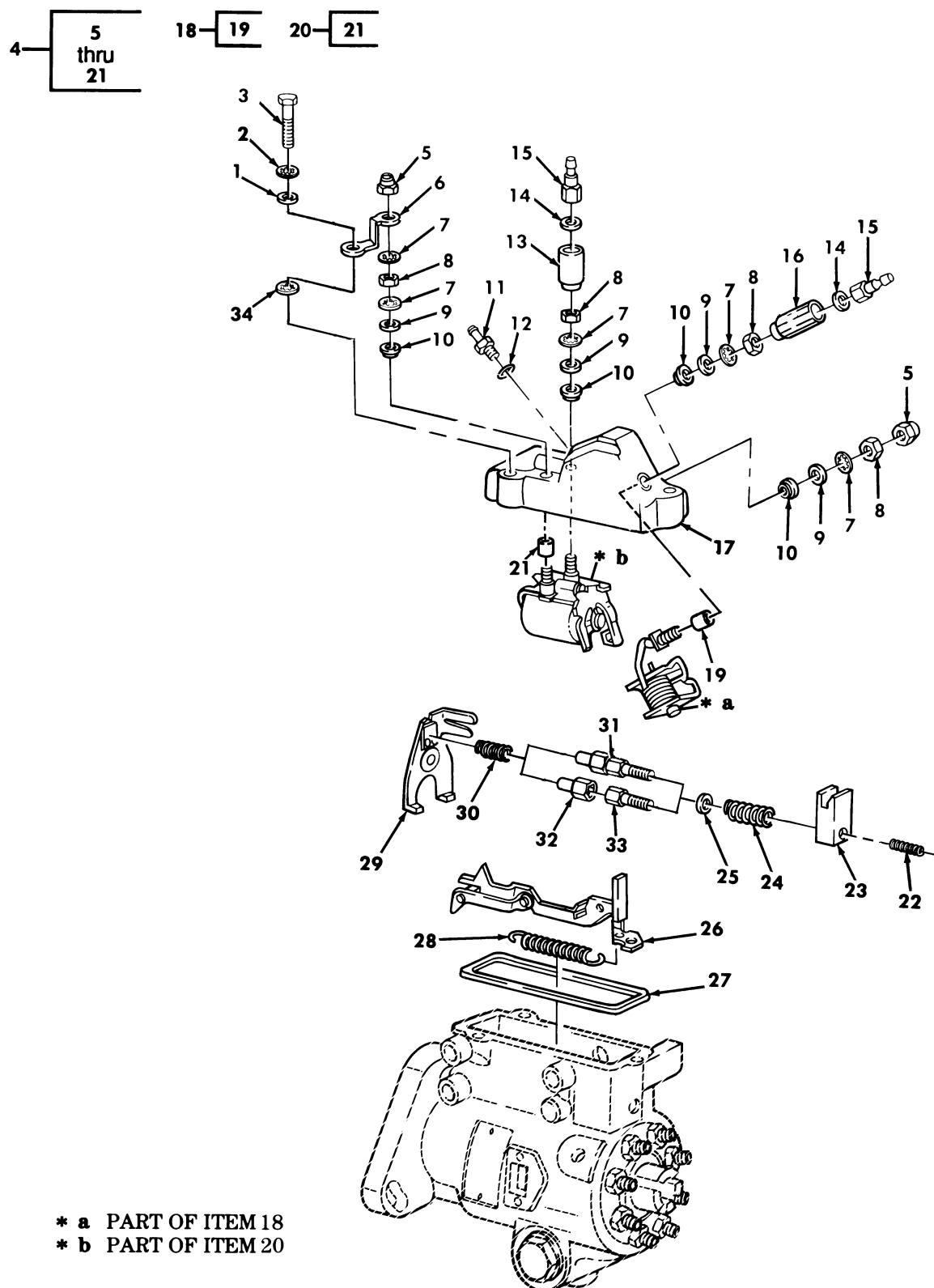


Figure 20. Fuel Injection Pump Cover Assembly, Governor Linkage, and Related Parts.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM NO	SMR CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0302 FUEL PUMP						
FIG. 20 FUEL INJECTION PUMP COVER ASSEMBLY, GOVERNOR LINKAGE, AND RELATED PARTS						
1	PAFZZ	5310011616121	84760	13521	WASHER,FLAT.....	3
2	PAFZZ	5310002091218	84760	11582	WASHER,LOCK.....	3
3	PAFZZ	5305011184114	84760	22351	SCREW,MACHINE.....	3
4	PAFHH	2910013481874	34623	5569831	COVER ASSEMBLY,FUEL.....	1
5	PAFZZ	5310005825765	03350	22FT832	.NUT,SELF-LOCKING,HE PART OF KIT P/N 26431.....	2
6	PAFZZ	2920011173251	84760	20951	.LEAD,IGNITION,ENGIN PART OF KIT P/N 26431.....	1
7	PAFZZ	5310005590070	96906	MS35333-38	.WASHER,LOCK PART OF KIT P/N 26431..	5
8	PAFZZ	5310009349757	96906	MS35649-282	.NUT,PLAIN,HEXAGON PART OF KIT P/N 26431.....	4
9	PAFZZ	5310001900752	22787	10-9858	.WASHER,FLAT PART OF KIT P/N 26431..	4
10	PAFZZ	5310008307825	84760	12500	.WASHER,SHOULDERED PART OF KIT P/N 26431.....	4
11	PAFZZ	4820011659596	84760	23183	.VALVE,CHECK.....	1
12	PAFZZ	5331012322145	84760	27607	.O-RING PART OF KIT P/N 30405.....	1
13	PAFZZ	2920011883259	84760	27010	.HOUSING,TERMINAL.....	1
14	PAFZZ	5310011910440	84760	27009	.WASHER,FLAT.....	2
15	PAFZZ	5940011851122	84760	27008	.TERMINAL,STUD.....	2
16	PAFZZ	2530011949868	84760	27065	.BOOT, VEHICULAR COM.....	1
17	PAFZZ	5340012503240	84760	27014	.COVER,ACCESS.....	1
18	PAFZZ	5945011903559	84760	27007	.SOLENOID,ELECTRICAL COLD ADVANCE..	1
19	PFFZZ	4710012305611	84760	23190	..TUBE,INSULATING PART OF KIT P/N 30405.....	2
20	PAFZZ	5945011883194	84760	27011	.SOLENOID,ELECTRICAL FUEL SHUTOFF..	1
21	PFFZZ	4710012305611	84760	23190	..TUBE,INSULATING PART OF KIT P/N 30405.....	2
22	PAHZZ	5360013178098	84760	23744	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
23	PAHZZ	2910011883254	84760	21763	BLOCK,PUMP,INJECTIO 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
23	PAHZZ	2910013162312	84760	24880	BLOCK ASSEMBLY,GOVE 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
24	PAHZZ	5360011893606	34623	5740626	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
24	PAHZZ	5360013181893	84760	28397	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
25	PAHZZ	5310011886743	84760	22325	WASHER,FLAT.....	1
26	PAHZZ	2910011892142	84760	18021	HOOK ASSEMBLY,GOVER.....	1
27	PAHZZ	5330012342615	84760	27244	GASKET PART OF KIT P/N 30405.....	1
28	PAHZZ	5360011943162	84760	23643	SPRING,HELICAL,EXTE.....	1
29	PAHZZ	2520011883282	84760	23461	SHIFTER FORK.....	1

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
30	PAHZZ	5360014137363	84760	30776	SPRING,HELICAL,COMP 6.5 LITER..... UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E	1
30	PAHZZ	5360011880807	84760	22125	SPRING,HELICAL,COMP 6.2 LITER..... UOC:10E,20E	1
31	PAHZZ	3040013170367	84760	23610	CONNECTING LINK,RIG 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
32	PAHZZ	2910011883252	84760	22327	SLEEVE,ADJUSTING,GO 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
33	PAHZZ	2910012569157	84760	27927	RETAINER,HELICAL CO 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
34	PAHZZ	5310011182248	84760	18493	WASHER,LOCK PART OF KIT P/N 26431...	1

END OF FIGURE

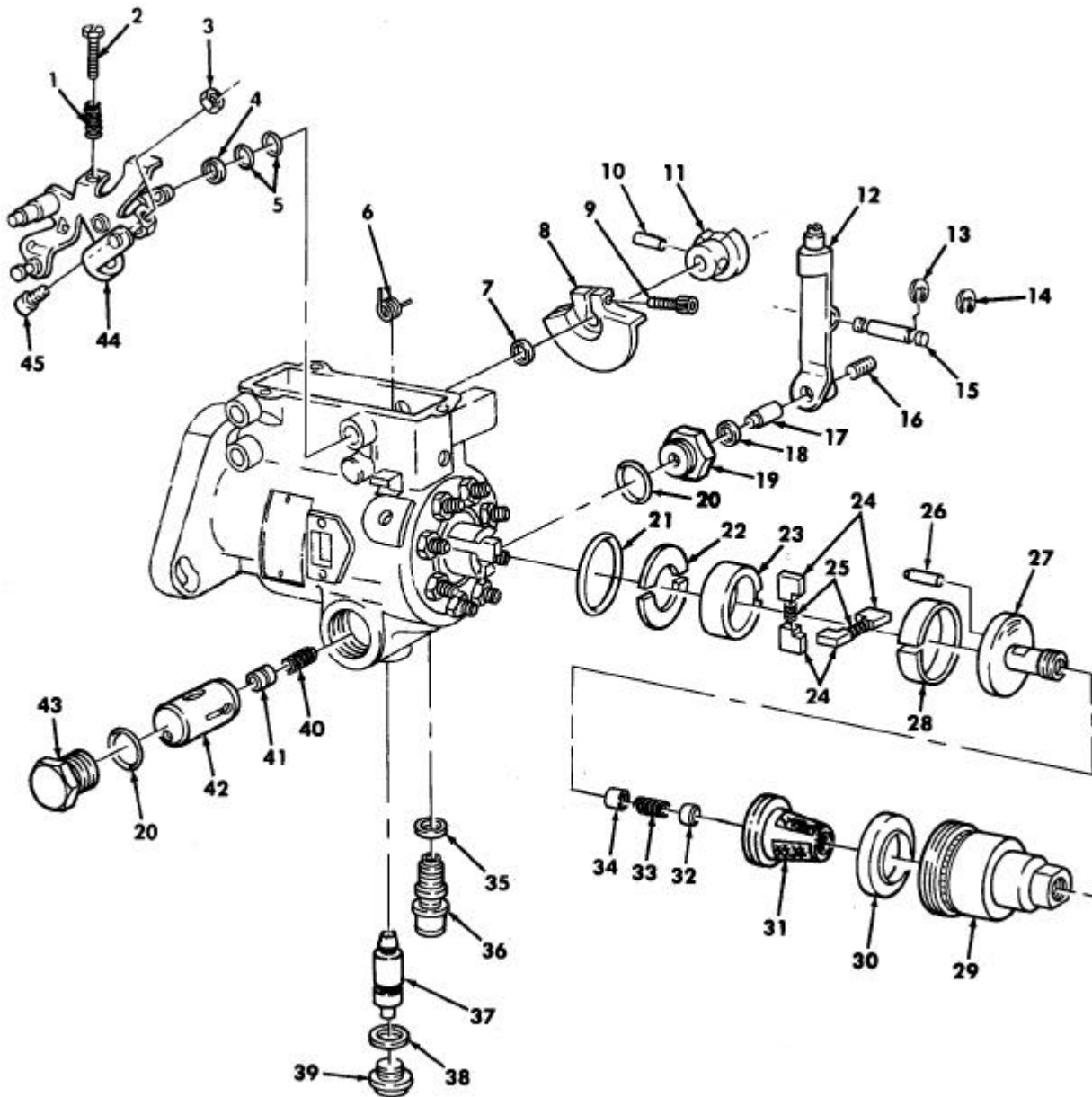


Figure 21. Fuel Injection Pump Throttle Shaft, Regulator, Transfer Pump, and Related Parts.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0302 FUEL PUMP						
FIG. 21 FUEL INJECTION PUMP THROTTLE SHAFT, REGULATOR, TRANSFER PUMP, AND RELATED PARTS						
1	PAHZZ	5360011906215	84760	21358	SPRING,HELICAL,COMP.....	1
2	PAHZZ	5305012159425	84760	21646	SCREW.....	1
3	PAHZZ	5310009882652	96906	MS35650-103	NUT,PLAIN,HEXAGON #10-32.....	1
4	PAHZZ	5365011880993	84760	22900	SPACER,SLEEVE.....	1
5	PAHZZ	5331012159638	84760	24585	O-RING PART OF KIT P/N 30405.....	2
6	PAHZZ	5360013179451	84760	26181	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
7	KFHZZ		34623	5740641	SHIM PART OF KIT P/N 30405.....	1
8	PAHZZ	2910011883256	84760	23428	CAM FACE,PUMP 6.2 AND 6.5 LITER DETUNED.....	1
8	PAHZZ	3040014459101	84760	29122	UOC:10E,11E,20E,40E,70E CAM,CONTROL 6.5 LITER.....	1
9	PAHZZ	5305011905745	84760	22398	UOC:11E,12E,30E,50E,60E,80E,90E SCREW,MACHINE.....	1
10	PAHZZ	5315011675584	84760	21284	PIN,GROOVED,HEADLES PART OF KIT P/N 30405.....	1
11	PAFZZ	3040011892163	84760	27006	CAM,CONTROL 6.2 AND 6.5 LITER DETUNED.....	1
12	PAHZZ	3040013170368	84760	28937	UOC:10E,11E,20E,40E,70E LEVER,REMOTE CONTRO 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
13	PAHZZ	5325011880962	84760	23566	RING,RETAINING PART OF KIT P/N 30405	2
14	PAHZZ	5325014137364	84760	30844	RING,RETAINING 6.5 LITER.....	2
15	PAHZZ	5315011900429	84760	22397	UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E PIN,GROOVED,HEADLES.....	1
16	PAHZZ	5305012605737	84760	26087	SETSCREW.....	1
17	PAHZZ	5340011926030	84760	22917	PLUNGER,DETENT.....	1
18	PAHZZ	5330012338597	84760	27163	SEAL.....	1
19	PAHZZ	5365013174249	84760	28474	PLUG,MACHINE THREAD 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
19	PAHZZ	5365011880784	84760	22693	PLUG,MACHINE THREAD 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..	1
20	PAHZZ	5330012332778	84760	27609	UOC:10E SEAL,DRAIN PLUG PART OF KIT P/N 30405.....	2
21	PAHZZ	5330012360474	84760	27608	PACKING,PREFORMED PART OF KIT P/N 30405.....	1
22	PAHZZ	2910011890895	84760	20530	RETAINER,ROTOR,TRAN.....	2
23	PAHZZ	2910012321044	84760	22988	LINER,TRANSFER PUMP.....	1
24	PAHZZ	2910012309007	84760	20803	VANE,INJECTION PUMP STANDARD.....	4
24	PAHZZ	2910001486555	84760	20804	BLADE,TRANSFER PUMP OVERSIZE,.001..	4
25	PAHZZ	5360009002564	84760	15699	SPRING,HELICAL,COMP.....	2
26	PAHZZ	5315011880495	84760	19837	PIN.....	1

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
27	PAHZZ	2910011883249	84760	21200	REGULATOR ASSEMBLY, 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
27	PAHZZ	4810014159460	84760	28988	VALVE,REGULATING,FL 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
28	PAHZZ	5325011880960	84760	20528	RING,RETAINING.....	1
29	PAHZZ	2910011883251	84760	21296	CAP,TRANSFER PUMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
29	PAHZZ	2910014140346	84760	28981	HOUSING,FUEL PUMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
30	PAHZZ	2910011883250	84760	20523	PLATE,PUMP PRESSURE 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
31	PAHZZ	4730013340695	84760	23819	STRAINER ELEMENT,SE 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
31	PAHZZ	2910013638782	84760	28986	SCREEN,FILTER,GOVER 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
32	PAHZZ	4730004596077	84760	15228	PLUG ASSEMBLY,END P.....	1
33	PAHZZ	5360011886693	78514	27003	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
33	PAHZZ	5360013181894	84760	23915	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
34	PAHZZ	4820011890894	84760	19895	PISTON,VALVE.....	1
35	KFHZZ	5331012360472	84760	27602	O-RING PART OF KIT P/N 30405.....	1
36	PAHZZ	5305011886568	84760	24566	SCREW.....	1
37	PAHZZ	5315011892141	84760	23925	PIN,CAM ADVANCE.....	1
38	PAHZZ	5331012327886	84760	27610	O-RING PART OF KIT P/N 30405.....	1
39	PAHZZ	5365011880785	84760	23056	PLUG,MACHINE THREAD.....	1
40	PAHZZ	5360014166594	84760	29049	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.. UOC:10E,20E	1
40	PAHZZ	5360011893607	84760	23601	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
40	PAHZZ	5360014137368	84760	28463	SPRING,HELICAL,COMP 6.5 LITER..... UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E	1
41	PAHZZ	2910011900069	84760	22367	VALVE,SERVO ADVANCE.....	1
42	PAHZZ	3040012470914	84760	26382	PISTON,LINEAR ACTUA STANDARD,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:10E	1
42	PAHZZ	2910014146651	84760	29043	PISTON,FUEL INJECTO STANDARD,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
42	PAHZZ	4320012563698	84760	26383	PISTON,PUMP .008 OVERSIZE,6.2	1

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:10E	
42	PAHZZ	2910014147888	84760	29042	PISTON,FUEL INJECTO .002 OVERSIZE, 6.2 LITER,USE WITH PUMP ASSEMBLY P/ N DB2829-4879 AND ALL 6.5 LITER.....	1
42	PAHZZ	4320014256571	84760	28457	PISTON,PUMP .005 OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	1
					UOC:10E	
42	PAHZZ	2910014459041	84760	29041	INJECTION CONTROL,M .005 OVERSIZE, 6.2 LITER,USE WITH PUMP ASSEMBLY P/ N DB2829-4879 AND ALL 6.5 LITER.....	1
42	PAHZZ	2815014469537	84760	29040	PISTON,FUEL INJECTO .008 OVERSIZE, 6.2 LITER,USE WITH PUMP ASSEMBLY P/ N DB2829-4879 AND ALL 6.5 LITER.....	1
42	PAHZZ	4320011883258	84760	26989	PISTON,PUMP .002 OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	1
					UOC:10E	
43	PAHZZ	5365013181887	84760	22505	PLUG,MACHINE THREAD 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
43	PAHZZ	5365011880783	84760	23426	PLUG,MACHINE THREAD 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:10E	1
44	PAFZZ	2910011891747	84760	24345	SHAFT ASSEMBLY,THRO.....	1
45	PAFZZ	5305011904070	84760	21712	SCREW,MACHINE 6.2 LITER..... UOC:10E,20E	1
45	PAFZZ	5305014143012	84760	27660	SETSCREW 6.5 LITER..... UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E	1

END OF FIGURE

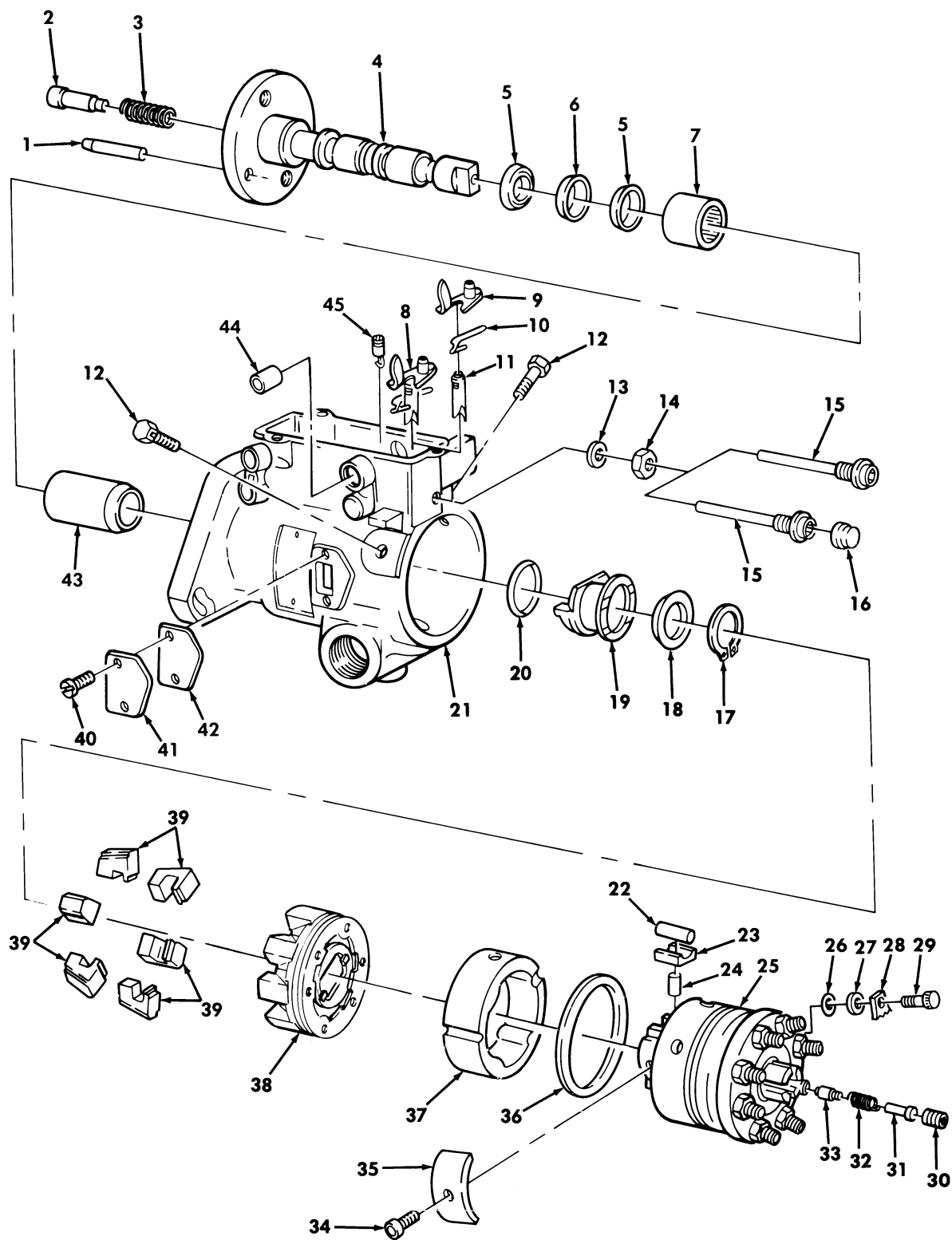


Figure 22. Fuel Injection Pump Housing, Head and Rotor, Drive Shaft, and Related Parts.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0302 FUEL PUMP						
FIG. 22 FUEL INJECTION PUMP HOUSING, HEAD AND ROTOR, DRIVE SHAFT, AND RELATED PARTS						
1	PAHZZ	5315011880765	84760	23100	PIN,STRAIGHT,HEADLE.....	1
1	PAHZZ	5315011880766	84760	23685	PIN,STRAIGHT,HEADLE OVERSIZE.....	1
2	PAHZZ	5315011913393	84760	22064	PIN,SHOULDER,HEADED.....	1
3	PAHZZ	5360008871536	84760	10541	SPRING,HELICAL,COMP.....	1
4	PAHZZ	3040012470893	84760	29546	SHAFT,SHOULDERED 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..	1
UOC:10E						
4	PAHZZ	3040011883222	78514	24623	SHAFT,DRIVE 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
5	PAHZZ	5330007571680	84760	10453	PACKING,PREFORMED BLACK PART OF KIT P/N 30405.....	2
6	PAHZZ	5330011925779	84760	21860	PACKING,PREFORMED RED PART OF KIT P/N 30405.....	1
7	PAHZZ	3110011887682	84760	23101	BEARING,ROLLER,NEED.....	1
8	PAHZZ	4820013170374	84760	82155	VALVE,CALIBRATED FL.....	1
8	PAHZZ	4820011821073	84760	24441	VALVE,FLOW CONTROL METERING, OVERSIZE.....	1
9	PAHZZ	2910011883255	84760	21895	ARM,METERING VALVE.....	1
10	PAHZZ	5360011893466	84760	21917	SPRING.....	1
11	PAHZZ	4820007863971	84760	11563	VALVE,CALIBRATED FL.....	1
12	PAHZZ	5306008193038	84760	11331	BOLT,MACHINE.....	2
13	PAHZZ	5330012360488	84760	27606	GASKET 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523 PART OF KIT P/N 30405.....	1
UOC:10E						
13	PAHZZ	5331006418283	84760	11507	O-RING 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER PART OF KIT P/N 30405.....	1
14	PAHZZ	5310013181883	84760	23585	NUT,PLAIN,HEXAGON 6.2 LITER,USE WITH PUMP ASSEMBLY P/N BD2829-4879 AND ALL 6.5 LITER.....	1
15	PAHZZ	5307011889217	84760	23352	STUD 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	1
UOC:10E						
15	PAHZZ	5307013176317	84760	26495	STUD,BALL 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
16	PAFZZ	5340014159633	84760	26961	CAP,PROTECTIVE,DUST 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
17	PAHZZ	5325008042027	96906	MS16624-1093	RING,RETAINING PART OF KIT P/N 30405	1
18	PAHZZ	3120003934067	84760	20222	BEARING,WASHER,THRU.....	1
19	PAHZZ	2910011177252	84760	21312	SLEEVE,GOVERNOR THR.....	1
20	PAHZZ	5325011880958	84760	22937	RING,RETAINING 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523 PART OF KIT P/N 30405.....	1
UOC:10E						

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM NO	SMR CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
20	PAHZZ	5325005981428	6N299	DE69582	RING,RETAINING 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER PART OF KIT P/N 30405.	1
21	KAHZZ		84760	27002	HOUSING,INJECTION P 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..	1
21	KAHZZ		84760	28861	UOC:10E HOUSING 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
22	PAHZZ	5315008871539	84760	11141	PIN,STRAIGHT,HEADLE.....	2
23	PAHZZ	3040011883242	84760	24569	SHOE,CAM ROLLER.....	2
24	PAHZZ	5340011598534	84760	11067	PLUNGER,DETENT STANDARD,.290 A,6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
24	PAHZZ	5340011598535	84760	11068	PLUNGER,DETENT STANDARD,.290 B,6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
24	PAHZZ	5340011598536	84760	11069	PLUNGER,DETENT STANDARD,.290 C,6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
24	PAHZZ	3120012395132	75160	11070	PLUNGER,DETENT STANDARD,.290 D,6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
24	PAHZZ	5340014159627	84760	11072	PLUNGER,DETENT OVERSIZE,.002 A,6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
24	PAHZA	5340014334750	84760	11073	PLUNGER,DETENT OVERSIZE,.002 B,6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
24	PAHZA	5340014334752	84760	11074	PLUNGER,DETENT OVERSIZE,.002 C,6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
24	PAHZZ	5340014159628	84760	11075	PLUNGER,DETENT OVERSIZE,.002 D,6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
24	PAHZZ	2910011891748	84760	11057	PLUNGER,ROTOR,FUEL STANDARD,.290 A, 6.2 LITER.....	2
					UOC:10E,20E	
24	PAHZZ	2910011918453	84760	11058	PLUNGER,ROTOR STANDARD,.290 B,6.2 LITER.....	2
					UOC:10E,20E	
24	PAHZZ	2910011918454	84760	11059	PLUNGER,ROTOR.....	2
					UOC:10E,20E	
24	PAHZZ	2910011918455	84760	11060	PLUNGER,ROTOR STANDARD,.290 D,6.2 LITER.....	2
					UOC:10E,20E	

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
24	PAHZZ	2910011918456	84760	11062	PLUNGER,ROTOR OVERSIZE,.002 A,6.2 LITER.....	2
					UOC:10E,20E	
24	PAHZZ	2910011918457	84760	11063	PLUNGER,ROTOR OVERSIZE,.002 B,6.2 LITER.....	2
					UOC:10E,20E	
24	PAHZZ	2910011918458	84760	11064	PLUNGER,ROTOR OVERSIZE,.002 C,6.2 LITER.....	2
					UOC:10E,20E	
24	PAHZZ	2910011918459	84760	11065	PLUNGER,ROTOR OVERSIZE,.002 D,6.2 LITER.....	2
					UOC:10E,20E	
25	PFHZZ	2910014145382	84760	31506	HEAD AND ROTOR ASSE 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
25	PFHZZ	4320013170692	84760	31816	PUMP,ROTARY 6.2 LITER.....	1
					UOC:10E,20E	
26	PAHZZ	5331012360476	84760	27601	O-RING PART OF KIT P/N 30405.....	1
27	PAHZZ	5310012666425	84760	26027	WASHER,FLAT 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523 PART OF KIT P/N 30405.....	1
					UOC:10E	
28	PAHZZ	5340014140247	84760	29384	PLATE,MOUNTING 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
28	PAHZZ	2910011883244	84760	21283	PLATE,LOCKING 6.2 LITER.....	1
					UOC:10E,20E	
29	PAHZZ	5305011910374	84760	29710	SCREW,MACHINE.....	1
30	PAHZZ	5305011886567	84760	23124	SCREW.....	1
31	PAHZZ	2910011918464	84760	26070	STOP,VALVE.....	1
32	PAHZZ	5360012605649	84760	26071	SPRING,HELICAL,COMP.....	1
33	PAHZZ	4820011883245	84760	23123	DISK,VALVE STANDARD,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..	1
					UOC:10E	
33	PAHZZ	4820011883246	84760	23135	DISK,VALVE OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..	1
					UOC:10E	
33	PAHZZ	4820013162497	84760	28012	VALVE,CHECK STANDARD,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
33	PAHZZ	4820013170552	84760	28013	VALVE,CHECK OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
34	PAHZZ	5305002073984	84760	11175	SCREW,CAP,SOCKET HE.....	1
35	PAHZZ	5360011886806	84760	23238	SPRING,FLAT.....	1
36	KFHZZ	5331012360475	84760	27245	O-RING PART OF KIT P/N 30405.....	1
37	PAHZZ	2910011883243	84760	27833	CAM RING,FUEL INJEC STANDARD.....	1
37	PAHZZ		84760	23120	CAM,CONTROL OVERSIZE.....	1
38	PAHZZ	2990013208915	84760	27984	RETAINER ASSEMBLY.....	1
39	PAHZZ	3040011883261	84760	21201	WEIGHT,COUNTERBALAN.....	6
40	PAHZZ	5305011880948	84760	21194	SCREW,MACHINE.....	2
41	PFHZZ	5340011883176	84760	23107	COVER,ACCESS.....	1
42	PAHZZ	5330012332848	84760	27603	GASKET PART OF KIT P/N 30405.....	1

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
43	PFHZZ	2910012106938	84760	26890	PILOT TUBE,PUMP.....	1
44	PFHZZ	3120009934152	84760	15093	BUSHING,SLEEVE.....	2
45	PAHZZ	5305011880489	34623	5740572	SCREW ASSY.,VENT GOVERNOR,#0.....	1
45	PAHZZ	5305011880490	84760	21661	SCREW,ASSY. VENT GOVERNOR,#1.....	1
45	PAHZZ	5305011880491	84760	21662	SCREW ASSY.,VENT GOVERNOR,#2.....	1
45	PAHZZ	5305011880492	84760	21663	SCREW ASSY. VENT GOVERNOR,#3.....	1
45	PAHZZ	5305011880493	84760	21664	SCREW ASSY. VENT GOVERNOR,#4.....	1
45	PAHZZ	5305011880494	84760	21665	SCREW ASSY. VENT GOVERNOR,#5.....	1
45	PAHZZ	5305011880491	84760	21662	SCREW ASSY.,VENT GOVERNOR,#1.5.....	1
45	PAHZZ	5305011886566	84760	22734	SCREW GOVERNOR,#2.5.....	1

END OF FIGURE

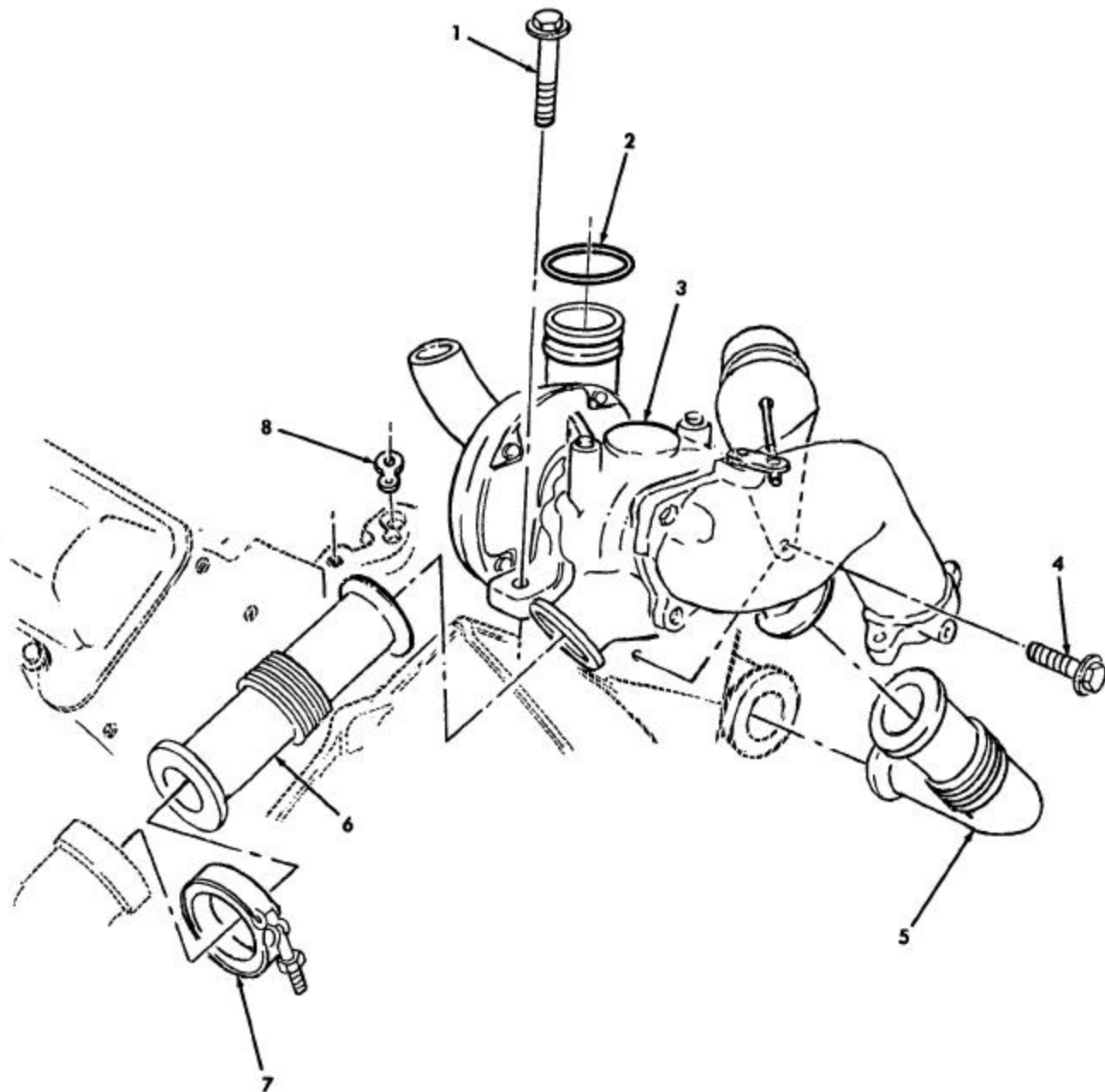


Figure 23. Turbocharger Assembly.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0305 TURBOCHARGER ASSEMBLY						
FIG. 23 TURBOCHARGER ASSEMBLY						
1	PAFZZ		7X677	11509551	BOLT.....	2
					UOC:12E,50E,80E	
2	PAFZZ		7X677	12456133	SEAL.....	1
					UOC:12E,50E,80E	
3	PAFZZ	2950014398169	7X677	12532429	TURBOSUPERCHARGER,E.....	1
					UOC:12E,50E,80E	
4	PAFZZ	5305013976850	24617	11502685	SCREW,CAP,HEXAGON H.....	1
					UOC:12E,50E,80E	
5	PAFZZ	2990014371020	7X677	10239025	PIPE,EXHAUST R.H.....	1
					UOC:12E,50E,80E	
6	PAFZZ	2990014371022	7X677	10239026	PIPE,EXHAUST L.H.....	1
					UOC:12E,50E,80E	
7	PAFZZ	5340014374983	7X677	12553155	CLAMP,LOOP.....	4
					UOC:12E,50E,80E	
8	PAFZZ		7X677	12560385	SEAL.....	1
					UOC:12E,50E,80E	

END OF FIGURE



Figure 24. Glow Plug.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UC)	QTY
					GROUP 0311 ENGINE STARTING AIDS	
					FIG. 24 GLOW PLUG	
1	PAOZZ	2920011883863	70040	5614017	GLOW PLUG.....	8
END OF FIGURE						

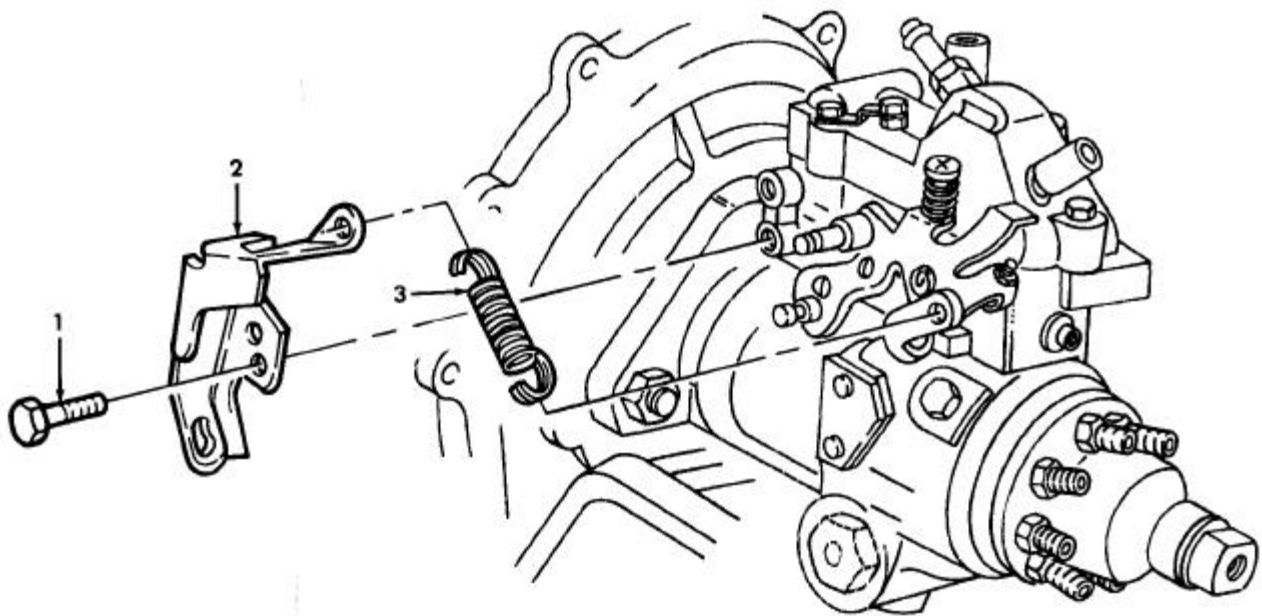


Figure 25. Accelerator Cable Bracket and Idle Spring.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 0312 ACCELERATOR, THROTTLE OR CHOKE CONTROLS	
					FIG. 25 ACCELERATOR CABLE BRACKET AND IDLE SPRING	
1	PAFZZ	5306011524693	24617	11504986	BOLT,MACHINE 8-1.25 X 14 MM.....	2
2	PFFZZ	5340011821074	19207	12339142	BRACKET,MOUNTING.....	1
3	PAOZZ	5360012102852	19207	12339492	SPRING,HELICAL,EXTE.....	1

END OF FIGURE

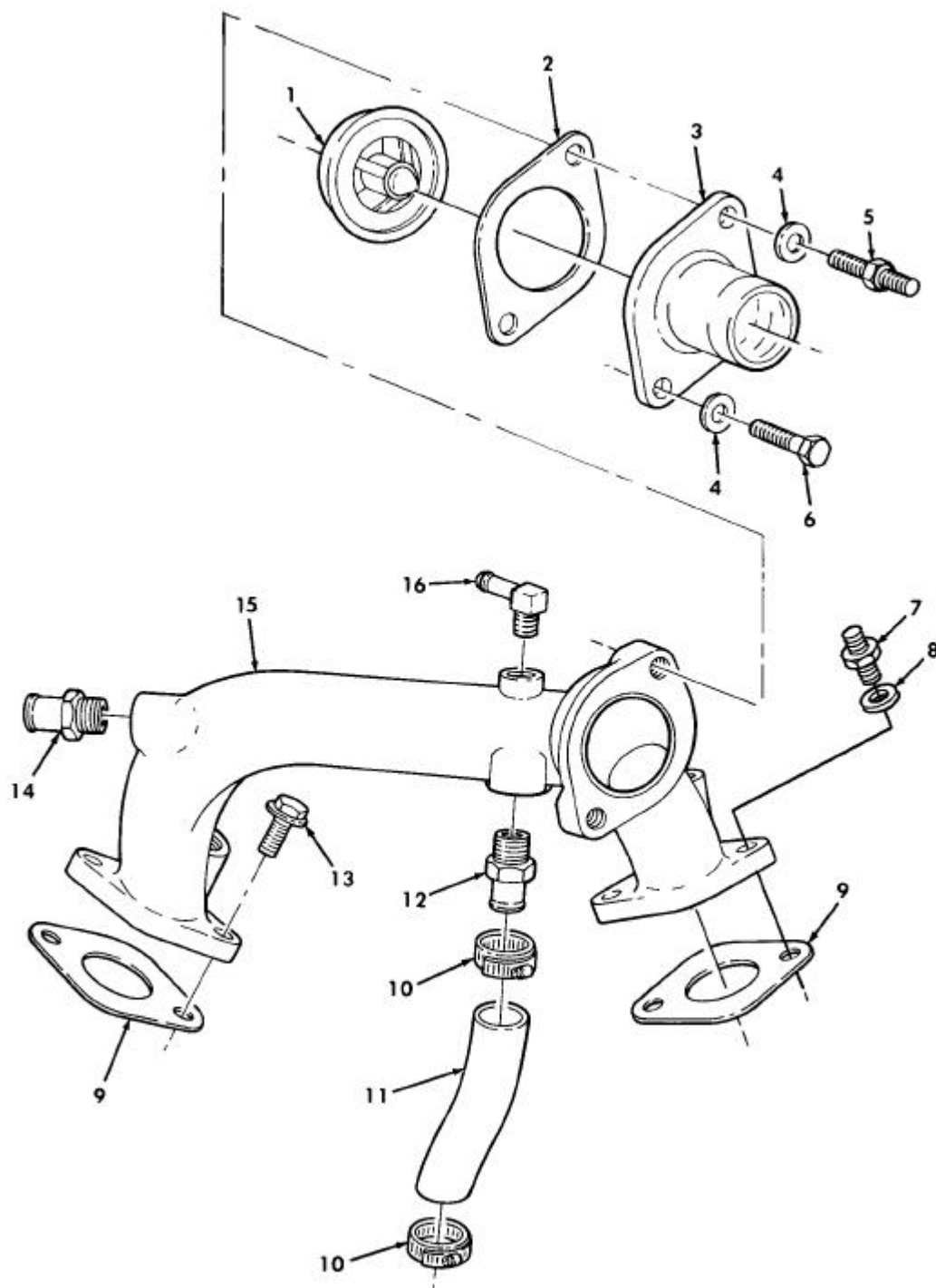


Figure 26. Thermostat, Water Crossover, and Attaching Hardware.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 05 COOLING SYSTEM						
0503 WATER MANIFOLD,HEADERS,						
THERMOSTATS AND HOUSING GASKETS						
FIG. 26 THERMOSTAT, WATER CROSSOVER,						
AND ATTACHING HARDWARE						
1	PAOZZ	6620011468006	7X677	14077122	THERMOSTAT,FLOW CON 6.2 LITER.....	1
					UOC:10E,20E	
1	PAOZZ	6685014449478	7X677	12551497	THERMOSTAT,FLOW CON 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
2	PAOZZ	5330014348611	7X677	12551591	GASKET PART OF KIT P/N 12521443,PART	1
					OF KIT P/N 12532481.....	
3	PAOZZ	2930011474198	7X677	14028918	WATER OUTLET,ENGINE.....	1
4	PAOZZ	5310000806004	96906	MS27183-14	WASHER,FLAT #10.....	2
5	PAOZZ	5307011501227	7X677	14033946	STUD,SHOULDERED 10-1.5 X 20 MM X 30	1
					MM.....	
6	PAOZZ	5306011654283	24617	11500831	BOLT,SELF-LOCKING 10-1.5 X 25 MM...	1
7	PAOZZ	5307014655796	19207	12339406-4	STUD,SPECIAL 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
8	PAOZZ	5310012101587	7X677	11500256	WASHER,FLAT 10 MM,6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
9	PAOZZ	5330011490874	7X677	10137488	GASKET PART OF KIT P/N 12521443,PART	2
					OF KIT P/N 12532481.....	
10	PAOZZ	4730001669178	7X677	12337891	CLAMP,HOSE 6.2 LITER.....	2
					UOC:10E,20E	
10	PAOZZ	4730014440701	7X677	11516230	CLAMP,HOSE 6.5 LITER.....	2
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
11	MOOZZ		7X677	23500084	HOSE 6.2 LITER,MAKE FROM HOSE,P/N	1
					4377,5 INCHES LONG.....	
					UOC:10E,20E	
11	MOOZZ		7X677	10243629	HOSE 6.5 LITER,MAKE FROM HOSE,P/N	1
					MS521304B203R,5-1/2 INCHES LONG.....	
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
12	PAOZZ	4730011826565	7X677	3739798	ADAPTER,STRAIGHT,PI 6.2 LITER.....	1
					UOC:10E,20E	
12	PAOZZ	4730014452358	7X677	10154601	ADAPTER,STRAIGHT,PI 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
13	PAOZZ	5306011496280	7X677	1635490	BOLT,SELF-LOCKING 10-1.5 X 30 MM...	4
					UOC:10E,20E	
13	PAOZZ	5306011496280	7X677	1635490	BOLT,SELF-LOCKING 10-1.5 X 30 MM...	3
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,	
					90E	
14	PAOZZ	4730011482758	7X677	354501	ADAPTER,STRAIGHT,PI.....	1
15	PAOZZ	2930011883682	34623	5740077	WATER OUTLET,ENGINE 6.2 LITER.....	1
					UOC:10E,20E	
15	PAOZZ	2930014607507	7X677	12554091	WATER OUTLET,ENGINE 6.5 LITER.....	1

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UC)	QTY
					UC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
16	PAOZZ	4730012306353	19207	12339415	ELBOW,PIPE TO HOSE.....	1

END OF FIGURE

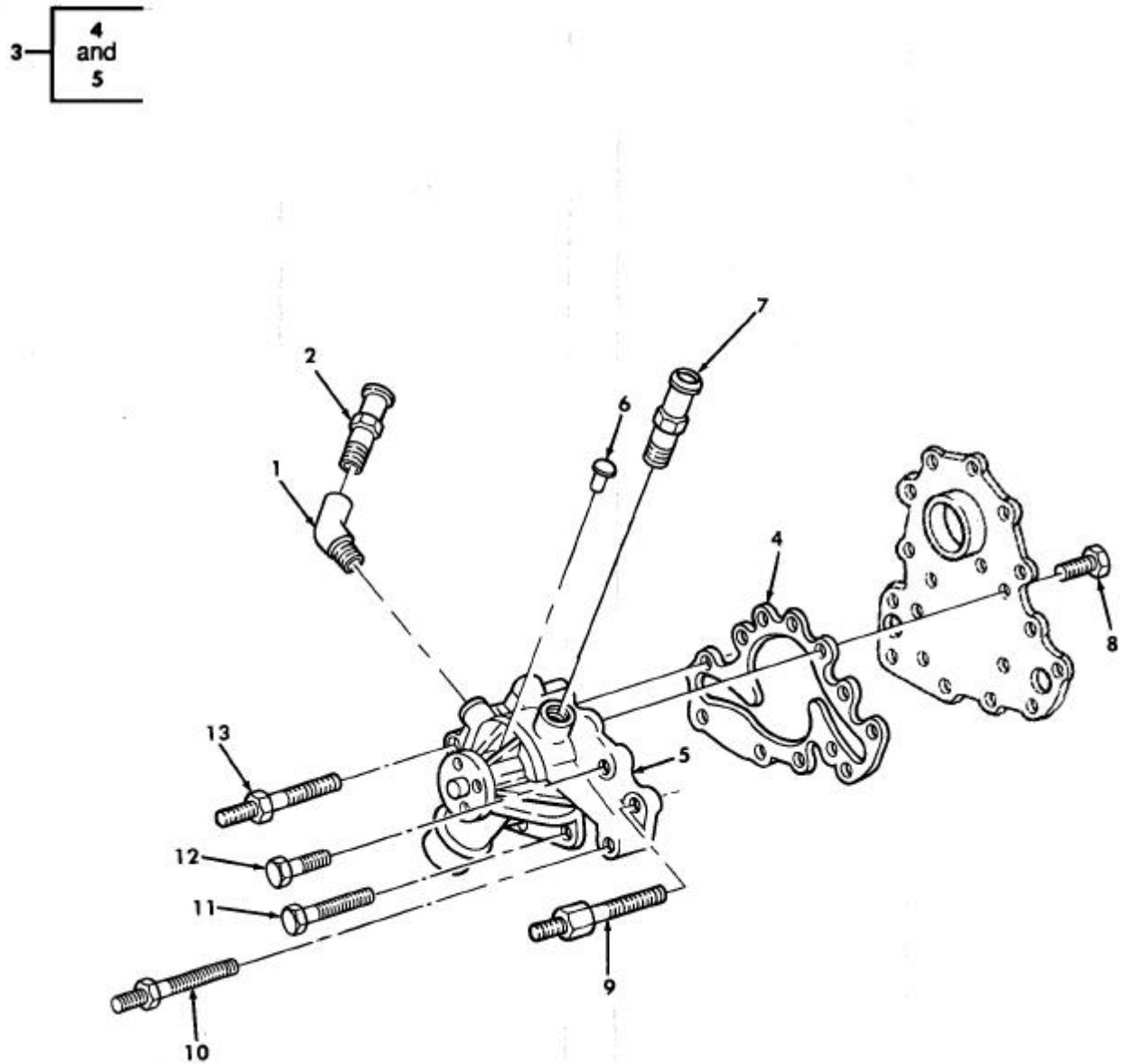


Figure 27. Water Pump and Attaching Hardware.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0504 WATER PUMP						
FIG. 27 WATER PUMP AND ATTACHING HARDWARE						
1	PAOZZ	4730005410793	30327	75167	ELBOW,PIPE.....	1
2	PAOZZ	4730011482758	7X677	354501	ADAPTER,STRAIGHT,PI.....	1
3	PAOZZ	2930013535794	61928	251-591	PUMP,COOLING SYSTEM 6.2 AND 6.5 LITER DETUNED.....	1
					UOC:10E,11E,20E,40E,70E	
3	PAOZZ	2930014446649	7X677	12534772	PUMP,COOLING SYSTEM 6.5 LITER, COMES WITH GASKET.....	1
					UOC:12E,30E,50E,60E,80E,90E	
4	PAFZZ	5330011479808	7X677	10137492	.GASKET 6.2 AND 6.5 LITER DETUNED PART OF KIT P/N 12514590 PART OF KIT P/N 12514591-RB-12532530.....	1
					UOC:10E,11E,20E,40E,70E	
4	PAOZZ		7X677	12553488	.GASKET 6.5 LITER.....	1
					UOC:11E,12E,30E,40E,50E,60E,70E,80E,90E	
5	XAFZZ		7X677	12514574	.PUMP,COOLING SYSTEM 6.2 AND 6.5 LITER DETUNED.....	1
					UOC:10E,11E,20E,40E,70E	
5	XAOZZ		7X677	12553484	.PUMP,COOLING SYSTEM 6.5 LITER.....	1
					UOC:12E,30E,50E,60E,80E,90E	
6	PFOZZ	5320012180721	7X677	193620	RIVET,SOLID 1/4 X 1/2.....	1
7	PAOZZ	4730011826565	7X677	3739798	ADAPTER,STRAIGHT,PI.....	1
8	PAOZZ	5305011491938	7X677	11500815	SCREW,CAP,HEXAGON H 6.2 AND 6.5 LITER DETUNED.....	7
					UOC:10E,11E,20E,40E,70E	
8	PAOZZ	5305011491938	7X677	11500815	SCREW,CAP,HEXAGON H 6.5 LITER.....	6
					UOC:12E,30E,50E,60E,80E,90E	
9	PAOZZ	5307012079004	7X677	23500032	STUD SPECIAL 10-1.5 X 89 X 15MM....	1
10	PAOZZ	5307011787445	7X677	14024229	STUD,SHOULDERED 10-1.5 X 95 X 17MM..	1
11	PAOZZ	5305011499673	24617	1150967	SCREW,CAP,HEXAGON H 10-1.5 X 90MM..	1
12	PAOZZ	5305014108158	7X677	10049638	SCREW,CAP,HEXAGON H.....	2
13	PAOZZ	5307011501549	7X677	14045263	STUD,SHOULDERED 10-1.50 X 25 X 17MM	2
					UOC:10E,11E,20E,40E,70E	

END OF FIGURE

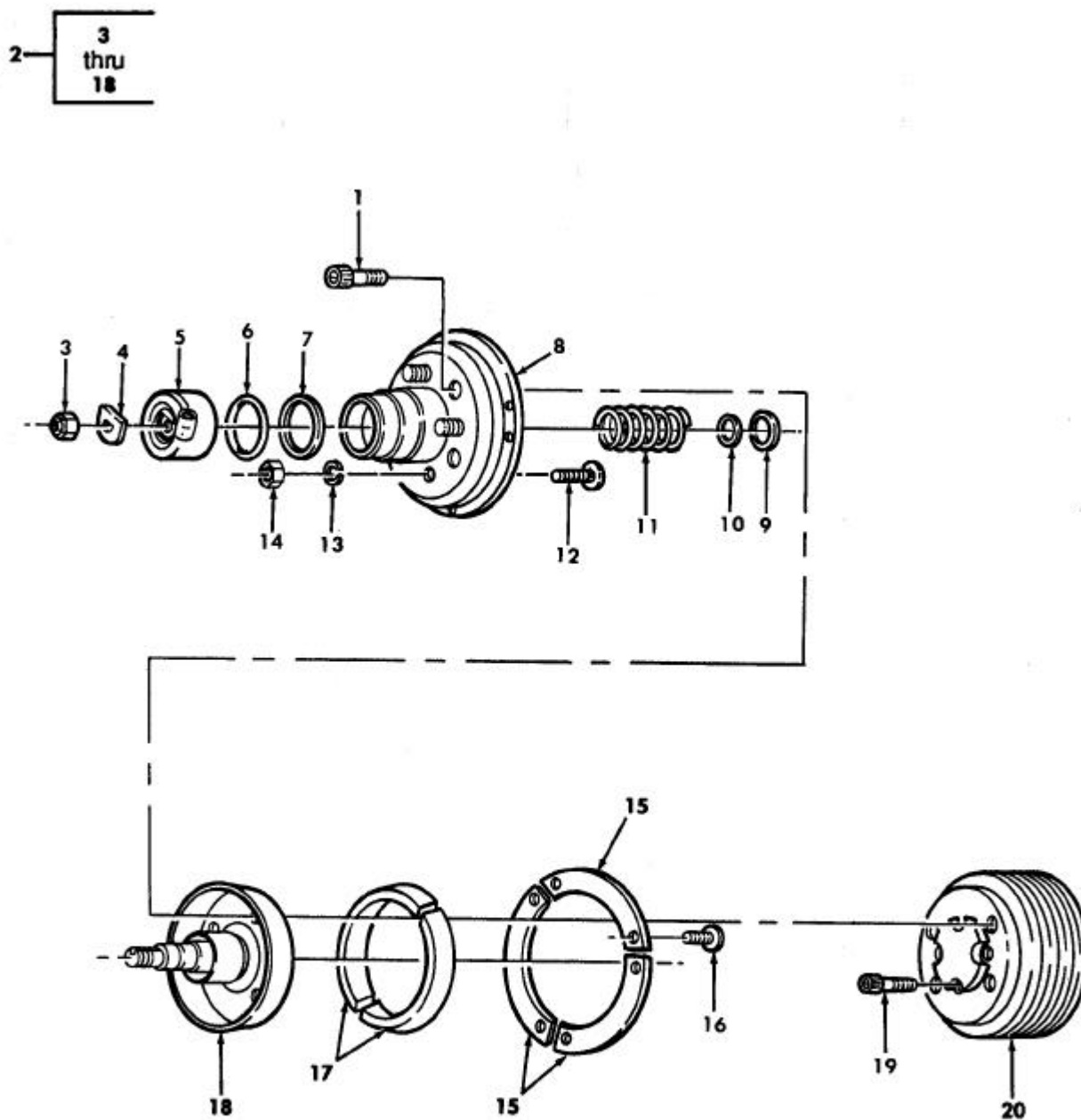


Figure 28. Fan Drive and Pulley.

SECTION II		TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0505 FAN ASSEMBLY						
FIG. 28 FAN DRIVE AND PULLEY						
1	PAOZZ	5305003663337	24617	138242	SCREW 3/8-16 X 1.00.....	4
2	PAOFF	2930011687870	51377	1090-06404-01	IMPELLER,FAN,AXIAL.....	1
3	PAFZZ	5310011940481	51377	3029-01371-01	.NUT,SELF-LOCKING,HE.....	1
4	PAFZZ	5310011898468	51377	3058-01264-02	.WASHER,FLAT.....	1
5	PAFZZ	2930011891744	51377	4043-38443-01	.CYLINDER ASSEMBLY,F.....	1
6	PAFZZ	5331011928892	51377	3018-01265-01	.O-RING.....	1
7	PAFZZ	5330012478483	51377	3018-01339-01	.DUST SEAL.....	1
8	XAFZZ		51377	4040-38442-01	.HOUSING ASSEMBLY.....	1
9	PAFZZ	5331011951500	51377	9002-00741-58	.O-RING.....	1
10	PAFZZ	5331011948966	51377	9002-00181-48	.O-RING.....	1
11	PAFZZ	5360011906214	51377	4088-35869-01	.SPRING,HELICAL,COMP.....	1
12	PAFZZ	5307011905854	51377	3051-01405-01	.STUD,PLAIN 3/8-24 X 1.16.....	4
13	PAOZZ	5310006379541	96906	MS35338-46	.WASHER,LOCK 3/8.....	4
14	PAOZZ	5310011904607	51377	3030-00364-01	.NUT,PLAIN,HEXAGON 3/8-16.....	4
15	XAOZZ		51377	4073-38424-01	.LINING,FAN CLUTCH.....	3
16	PAOZZ	5305000526456	80205	MS16996-10	.SCREW,CAP,SOCKET HE.....	6
17	PAOZZ	2930011898643	51377	4026-38368-01	.LINING,FRICTION.....	2
18	XAFZZ		51377	4079-38441-01	.SHAFT ASSEMBLY.....	1
19	PAOZZ	5305011893769	19207	12339240	SCREW,CAP,SOCKET HE 8-1.25 X 20MM..	4
20	PAOZZ	3020013130682	19207	12338782	PULLEY,CONE 6.2 AND 6.5 LITER	1
DETUNED AMBULANCE VEHICLES ONLY.....						
UOC:10E,11E,20E,40E,70E						
20	PAOZZ	3020011883885	19207	12338781	PULLEY,GROOVE 6.2 AND 6.5 LITER	1
DETUNED ALL EXCEPT AMBULANCE						
VEHICLES.....						
UOC:10E,11E,20E,40E,70E						
20	PAOZZ	3020014427278	34623	RCSK18221	PULLEY,FLAT 6.5 LITER.....	1
UOC:12E,30E,50E,60E,80E,90E						

END OF FIGURE

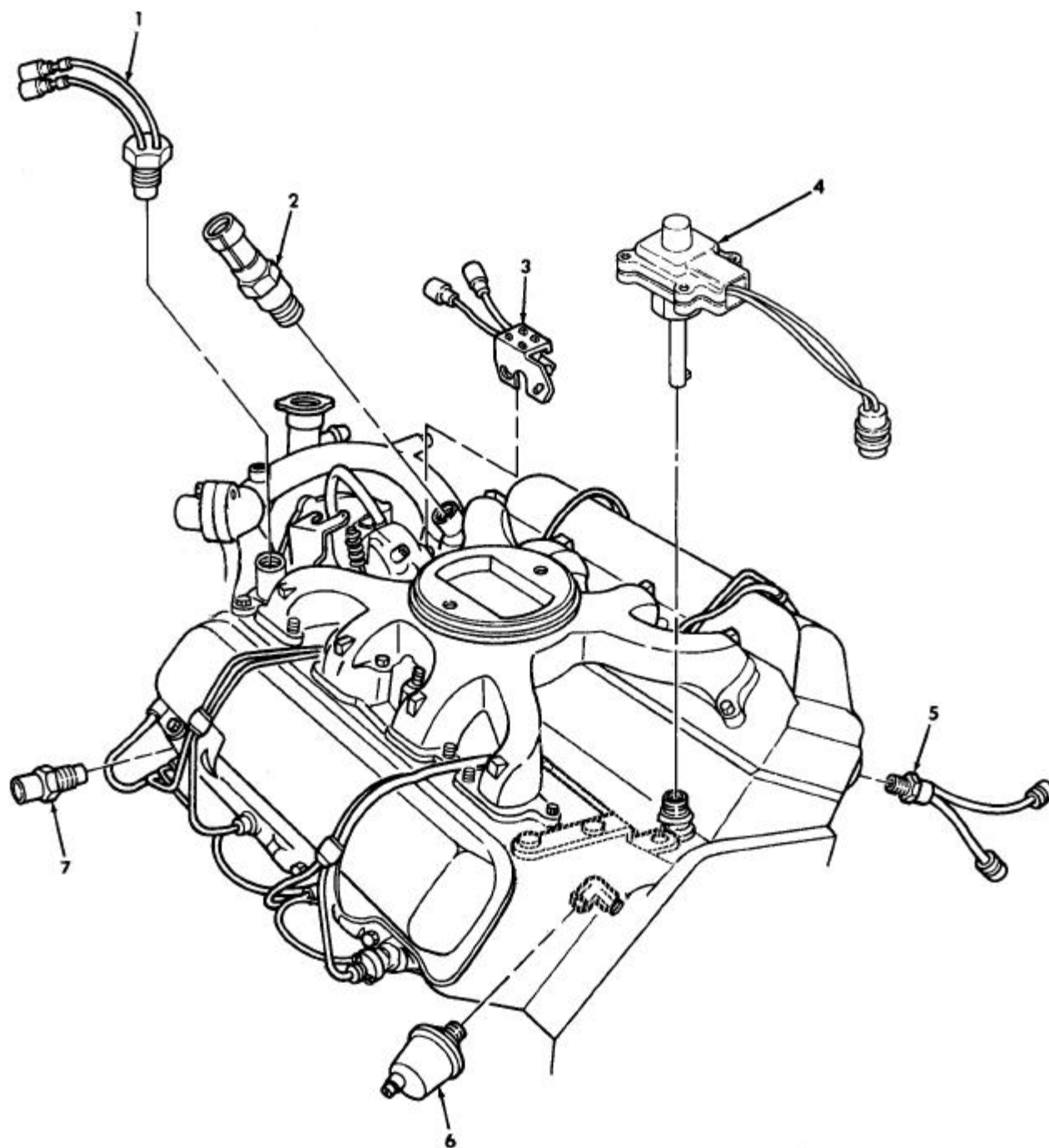


Figure 29. Sending Units (6.2L and 6.5L Naturally Aspirated).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 06 ELECTRICAL SYSTEMS	
					0610 SENDING UNITS AND WARNING SWITCHES	
					FIG. 29 SENDING UNITS (6.2L AND 6.5L NATURALLY ASPIRATED)	
1	PAOZZ	5930012377322	19207	12338599	SWITCH,THERMOSTATIC FAN.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
2	PAOZZ	2920011757214	19207	12338772	CONTROL UNIT,BREAKE GLOW PLUG	1
					CONTROLLER,USE WITH P/N 12446779 ONLY	
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
2	PAOZZ		19207	12469158-2	CONTROL UNIT,BREAKE GLOW PLUG	1
					CONTROLLER,USE WITH P/N 12469158 ONLY	
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
3	PAOZZ	5930014122836	19207	12460123	SWITCH,SENSITIVE 6.2 LITER.....	1
					UOC:10E,11E,20E,40E,70E	
4	PAOZZ	6680011488875	19207	12258931-2	TACHOMETER,MECHANIC 6.2 LITER.....	1
					UOC:10E,11E,20E,40E,70E	
5	PAOZZ	5930011836637	19207	12338596	SWITCH,THERMOSTATIC COLD ADVANCE...	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
6	PAOZZ	6620009935546	19207	7416363	TRANSMITTER,PRESSUR ENGINE OIL.....	1
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	
7	PAOZZ	6620011946586	09527	TS6058	TRANSMITTER,ENGINE COOLANT	1
					TEMPERATURE.....	
					UOC:10E,11E,20E,30E,40E,60E,70E,90E	

END OF FIGURE

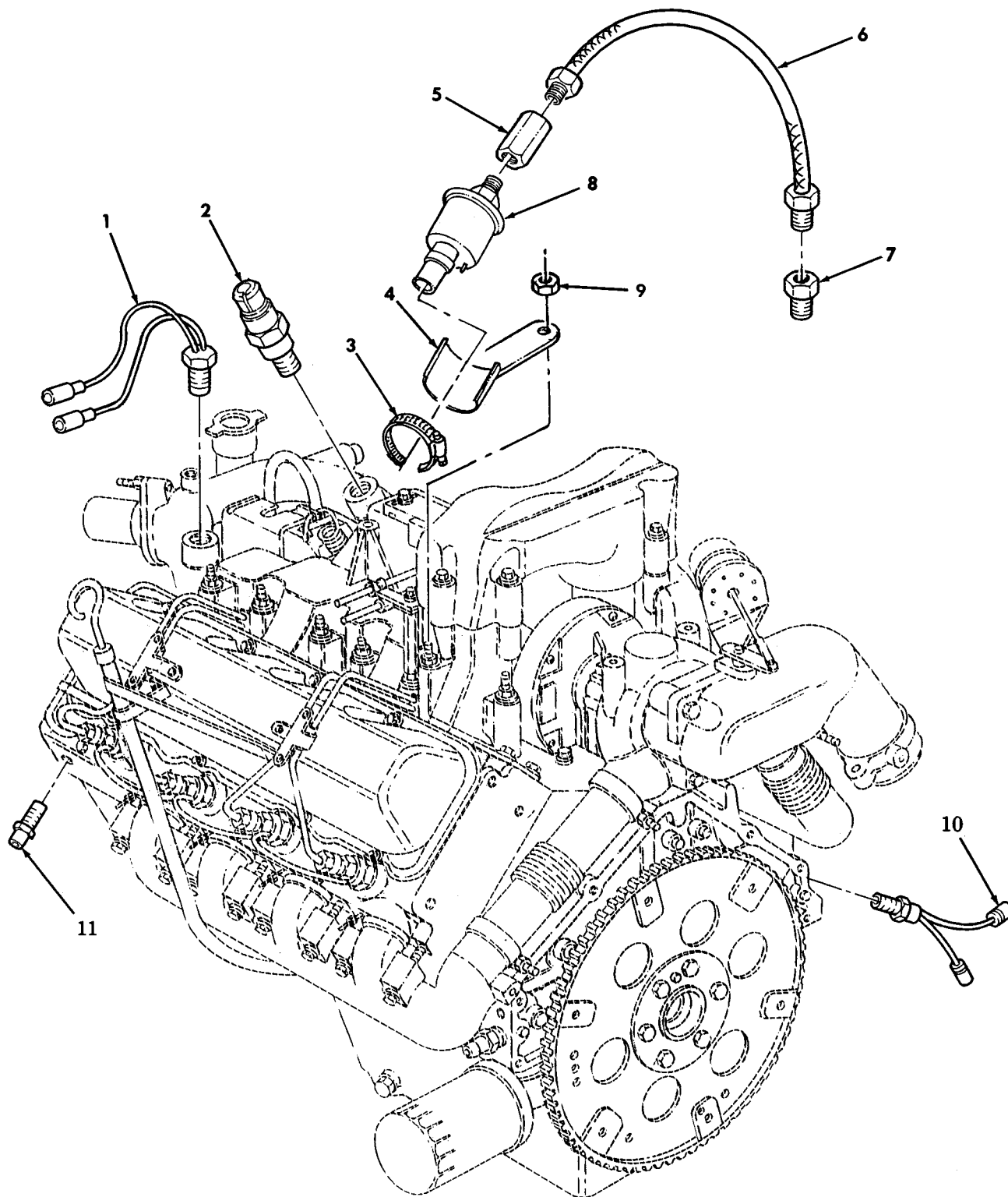


Figure 30. Sending Units (6.5L Turbo).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 0610 SENDING UNITS AND WARNING SWITCHES	
					FIG 30 SENDING UNITS (6.5L TURBO)	
1	PAOZZ	5930012377322	19207	12338599	SWITCH,THERMOSTATIC FAN.....	1
					UOC:12E,50E,80E	
2	PAOZZ	2920011757214	19207	12338772	CONTROL UNIT,BREAKE GLOW PLUG	1
					CONTROLLER,USE WITH P/N 12446779,M1113	
					AND 4660691,M1114 ONLY.....	
					UOC:12E,50E,80E	
2	PAOZZ		19207	12469158-2	CONTROL UNIT,BREAKE GLOW PLUG	1
					CONTROLLER,USE WITH P/N 12469158 ONLY	
					UOC:12E,50E,80E	
3	PAOZZ	4730010894596	24161	32028	CLAMP,HOSE.....	1
					UOC:12E,50E,80E	
4	PAOZZ	5340014561502	34623	RCSK18088	BRACKET,MOUNTING.....	1
					UOC:12E,50E,80E	
5	PAOZZ	4730011876892	01276	2096-4S	COUPLING,PIPE.....	1
					UOC:12E,50E,80E	
6	PAOZZ		34623	5715342	HOSE ASSEMBLY.....	1
					UOC:12E,50E,80E	
7	PAOZZ	4730002891254	79470	200X6	ADAPTER,STRAIGHT,PI.....	1
					UOC:12E,50E,80E	
8	PAOZZ	6620009935546	02032	JHP85-430	TRANSMITTER,PRESSUR.....	1
					UOC:12E,50E,80E	
9	PAOZZ	5310011552503	7X677	11514603	NUT,PLAIN,HEXAGON 10-1.5 MM.....	1
					UOC:12E,50E,80E	
10	PAOZZ	5930011836637	19207	12338596	SWITCH,THERMOSTATIC COLD ADVANCE...	1
					UOC:12E,50E,80E	
11	PAOZZ	6620011946586	09527	TS6058	TRANSMITTER,ENGINE COOLANT	1
					TEMPERATURE.....	
					UOC:12E,50E,80E	

END OF FIGURE

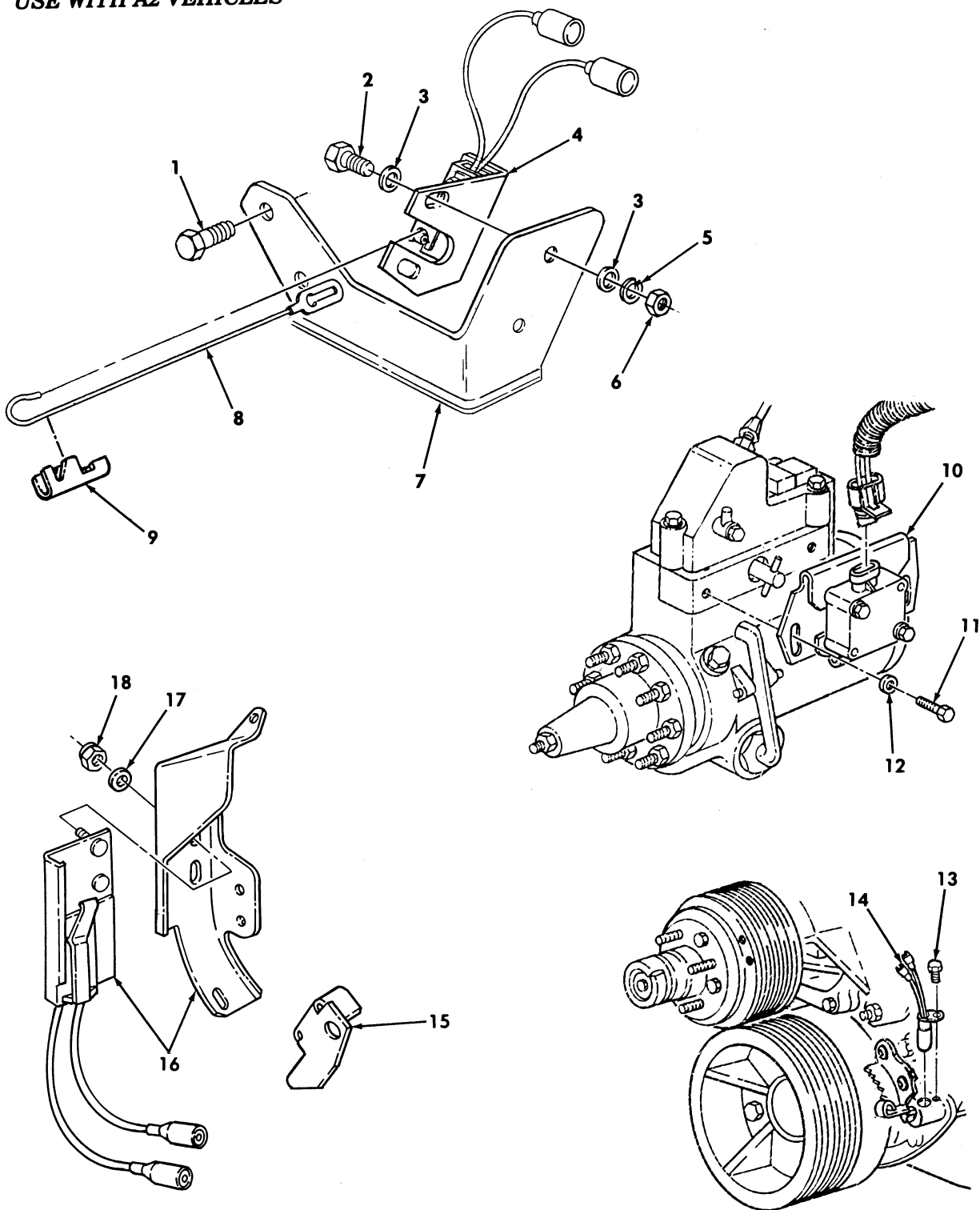
USE WITH A2 VEHICLES

Figure 31. Fan Cut-Off Switch, Throttle Position Sensor, and Engine Speed Sensor.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 0610 SENDING UNIT AND WARNING SWITCHES	
					FIG. 31 FAN CUT-OFF SWITCH, THROTTLE POSITION SENSOR, AND ENGINE SPEED SENSOR	
1	PAOZZ	5305012542521	7X677	11500827	SCREW, CAP, HEXAGON H.....	2
					UOC:30E,60E,90E	
2	PAOZZ	5306000680513	18876	PMS90727001-06	BOLT, MACHINE.....	2
					UOC:30E,60E,90E	
3	PAOZZ	5310008238804	96906	MS27183-9	WASHER, FLAT.....	4
					UOC:30E,60E,90E	
4	PAOZZ	5930011998853	19207	12339494	SWITCH, SENSITIVE TRANSMISSION KICKDOWN.....	1
					UOC:30E,60E,90E	
5	PAOZZ	5310005825965	96906	MS35338-44	WASHER, LOCK.....	2
					UOC:30E,60E,90E	
6	PAOZZ	5310002978836	72915	120613	NUT, PLAIN, HEXAGON.....	2
					UOC:30E,60E,90E	
7	PAOZZ		19207	12460125	BRACKET, FAN SWITCH.....	1
					UOC:30E,60E,90E	
8	PAFZZ	3040014114191	19207	12460124	CONNECTING LINK, RIG.....	1
					UOC:30E,60E,90E	
9	PAOZZ	5340014391156	19207	12460160	CLIP, FAN SWITCH.....	1
					UOC:30E,60E,90E	
10	PAOZZ	2990014264425	7X677	12554488	THROTTLE SOLENOID, E POSITION.....	1
					UOC:12E,30E,50E,60E,80E,90E	
11	PAOZZ	5306014228649	7X677	23500801	BOLT, MACHINE.....	2
					UOC:12E,30E,50E,60E,80E,90E	
12	PAOZZ	5310011191024	24617	2436162	WASHER, FLAT.....	1
					UOC:12E,30E,50E,60E,80E,90E	
13	PAOZZ	5306011524693	24617	11504986	BOLT, MACHINE #8-1.25 X 14 MM.....	1
					UOC:12E,30E,50E,60E,80E,90E	
14	PAOZZ	2815014558424	7X677	12554092	SPEED SENSOR, DIESEL.....	1
					UOC:12E,30E,50E,60E,80E,90E	
15	PAOZZ	5340014330931	34623	RCSK17503	BRACKET, MOUNTING.....	1
					UOC:12E,50E,80E	
16	PAOZZ	5930014333142	34623	RCSK17504	SWITCH, SENSITIVE.....	1
					UOC:12E,50E,80E	
17	PAOZZ	5310013611163	24617	9417373	WASHER, FLAT #10.....	2
					UOC:12E,50E,80E	
18	PAOZZ	5310002514503	24617	9411893	NUT, LOCK #10-32.....	2
					UOC:12E,50E,80E	

END OF FIGURE

USE WITH BASIC AND A1 VEHICLES

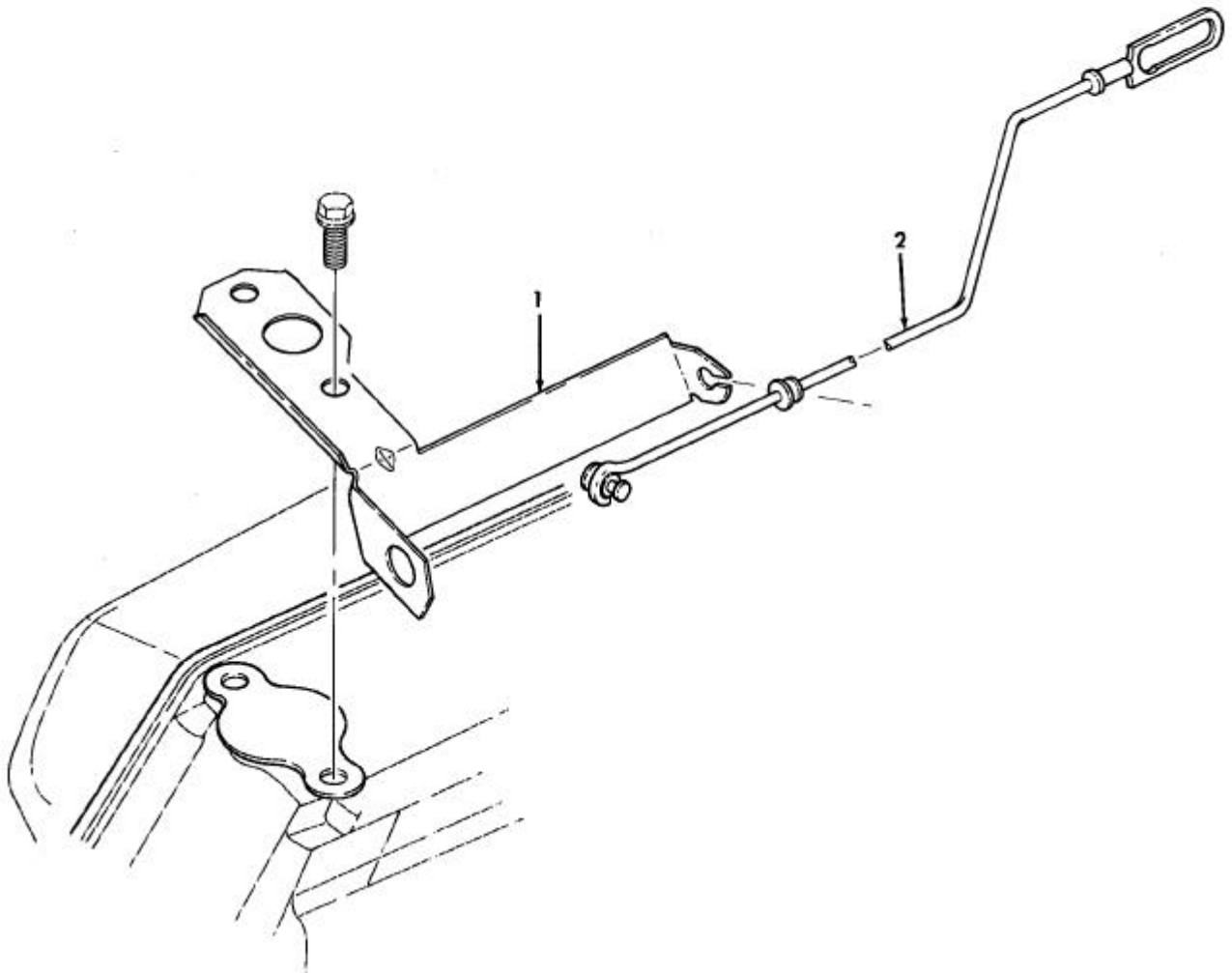


Figure 32. Modulator Rod Assembly and Bracket (6.2L and 6.5L Detuned).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 07 TRANSMISSION	
					0705 TRANSMISSION SHIFTING	
					COMPONENTS	
					FIG. 32 MODULATOR ROD ASSEMBLY AND	
					BRACKET (6.2L AND 6.5L DETUNED)	
1	PAFZZ	5342012127133	19207	12339141	BRACKET,ELECTRICAL.....	1
					UOC:10E,11E,20E,40E,70E	
2	PAFZZ	3040012184730	19207	12339149	CONNECTING LINK,RIG.....	1
					UOC:10E,11E,20E,40E,70E	
END OF FIGURE						

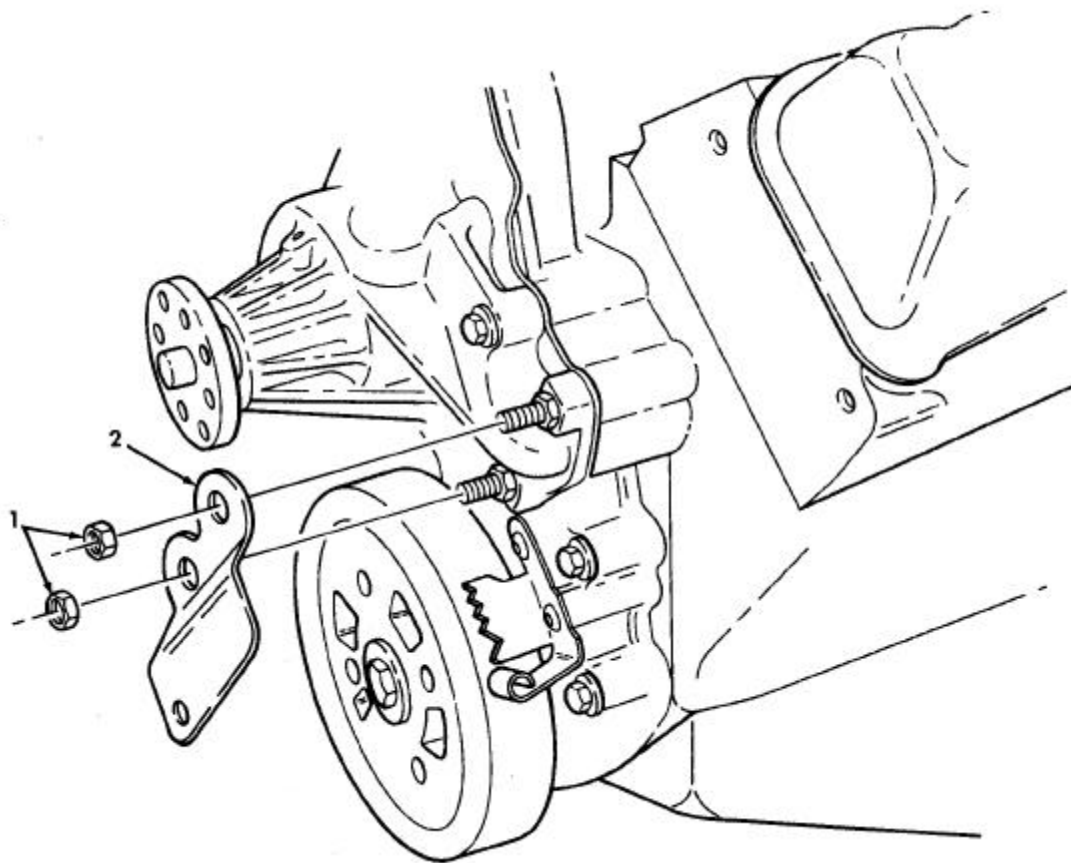


Figure 33. Power Steering Pump Support Bracket (6.2L and 6.5L Detuned).

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 14 STEERING						
1410 HYDRAULIC PUMP OR FLUID						
MOTOR ASSEMBLY						
FIG. 33 POWER STEERING PUMP SUPPORT						
BRACKET (6.2L AND 6.5L DETUNED)						
1	PAOZZ	5310011272456	80204	B18241A100	NUT,PLAIN,HEXAGON 10-1.5 MM.....	2
					UOC:10E,11E,20E,40E,70E	
2	PAOZZ	2590012073696	19207	12338774	BRACKET,VEHICULAR C.....	1
					UOC:10E,11E,20E,40E,70E	

END OF FIGURE

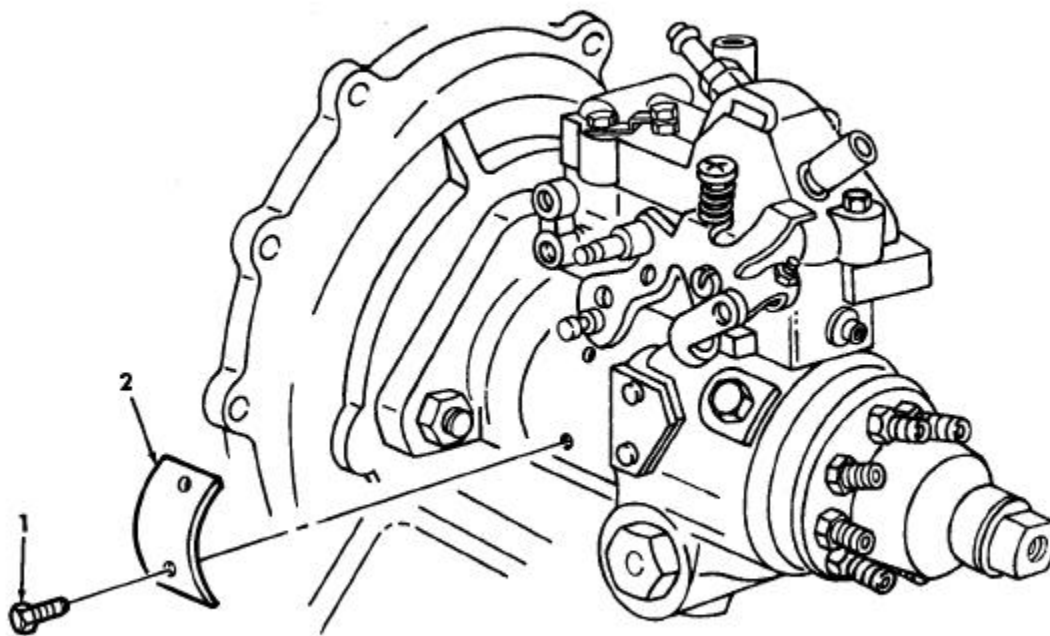


Figure 34. Data Plates.

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 22 ACCESSORY ITEMS	
					2210 DATA PLATES AND INSTRUCTION	
					HOLDERS	
					FIG. 34 DATA PLATES	
1	PAHZZ	5305011904555	84760	24419	SCREW,TAPPING.....	2
2	PBHZZ	9905004736379	84760	10394	PLATE,IDENTIFICATIO.....	1
END OF FIGURE						

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 94 REPAIR PARTS KITS	
					9401 REPAIR PARTS KITS	
					FIG. KITS	
10	PAFZZ	5330013311207	7X677	12514590	GASKET SET 6.2L,ENGINE OVERHAUL, LOWER HALF..... UOC:10E,20E	1
					GASKET (1) 18-1	
					GASKET (1) 16-2	
					GASKET (1) 16-4	
					GASKET (1) 17-1	
					GASKET (1) 27-4	
					GASKET (1) 9-7	
					SEAL,PLAIN ENCASED (2) 3-5	
					SEAL,PLAIN ENCASED (1) 8-8	
20	PAFZZ	5330013788646	7X677	12514591-RB-1253 2530	GASKET SET 6.5L,ENGINE OVERHAUL, LOWER HALF..... UOC:11E,12E,30E,40E,50E,60E,70E,80E 90E	1
					GASKET (1) 18-1	
					GASKET (1) 16-2	
					GASKET (1) 16-4	
					GASKET (1) 17-1	
					GASKET (1) 27-4	
					GASKET (1) 9-7	
					SEAL,PLAIN ENCASED (1) 3-5	
					SEAL,PLAIN ENCASED (1) 8-8	
30	PAFZZ	5330013789264	7X677	12521443	PARTS KIT,SEAL REPL 6.2L CYLINDER HEAD..... UOC:10E,20E	1
					GASKET (2) 2-8	
					GASKET (8) 15-2	
					GASKET (1) 26-2	
					GASKET (2) 26-9	
					GASKET (2) 11-6	
					SEAL INLET (16) 6-8	
					SEAL,PLAIN (8) 6-10	
40	PAFZZ	5330014379216	7X677	12531704	GASKET SET INTAKE MANFOLD.....	1
					GASKET (2) 11-6	
					GASKET (2) 13-6	
50	PAFZZ	2815014348603	7X677	12532481	PATRS KIT CYLINDER 6.5L, CYLINDER HEAD..... UOC:11E,12E,30E,40E,50E,60E,70E,80E 90E	1
					GASKET (2) 13-6	
					GASKET (8) 15-2	
					GASKET (2) 2-8	
					GASKET (2) 26-9	
					GASKET (2) 2-4	
					GASKET (1) 26-2	
					SEAL,INLET (16) 6-8	
					SEAL,PLAIN (8) 6-10	

SECTION II			TM9-2815-237-34P				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM	SMR			PART			
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY	
60	PAHZZ	3120014178084	01212	1496M	PARTS KIT,BEARING R CAMSHAFT.....	1	
					BEARING,SLEEVE (1) 7-9		
					BEARING,SLEEVE (1) 7-10		
					BEARING,SLEEVE (1) 7-11		
					BEARING,SLEEVE (1) 7-12		
					BEARING,SLEEVE (1) 7-13		
70	PAHZZ	5340013341422	84760	26431	HARDWAARE KIT,ELECT FUEL INJECTION	1	
					PUMP COVER.....		
					LEAD,INGITION,ENGIN(1) 20-6		
					NUT,PLAIN,HEXAGON (4) 20-8		
					NUT,SELF-LOCKING,HE(2) 20-5		
					WASHER,FLAT (4) 20-9		
					WASHER,LOCK (1) 20-34		
					WASHER,LOCK (5) 20-7		
					WASHER,SHOULDERED (4) 20-10		
80	PAHZZ	2910012990473	84760	30405	PARTS KIT,METERING FUEL INJECTION	1	
					PUMP.....		
					GASKET (1) 20-27		
					GASKET (1) 22-42		
					GASKET (1) 22-13		
					O-RING (1) 20-12		
					O-RING (1) 22-36		
					O-RING (1) 22-26		
					O-RING (1) 21-35		
					O-RING (1) 21-38		
					O-RING (2) 21-5		
					O-RING (1) 22-13		
					PACKING,PREFORMED (2) 22-5		
					PACKING,PREFORMED (1) 22-6		
					PACKING,PREFORMED (1) 21-21		
					PIN,GROOVED,HEADLES(1) 21-10		
					RING,RETAINING (1) 22-20		
					RING,RETAINING (1) 22-17		
					RING,RETAINING (2) 21-13		
					SEAL,DRAIN PLUG (2) 21-20		
					SHIM (1) 21-7		
					TUBE,INSULATING (2) 20-19		
					TUBE,INSULATING (2) 20-21		
					WASHER,FLAT (1) 22-27		

END OF FIGURE

SECTION II			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY

GROUP 95 GENERAL USE STANDARIZED
PARTS

9501 BULK MATERIAL

FIG. BULK

1	PAOZZ	4720011637833	24161	4219-3681	HOSE, NONMETALLIC 1/4 I.D., 1/2 O.D., V	
					25 FEET LONG.....	
2	PFOZZ	4720001393968	24161	4377	HOSE, NONMETALLIC 3/4 I.D., 1.00 O.D. V	
					, 50 FEET LONG.....	
3	PAOZZ	4720009302231	96906	MS521304B203R	HOSE, NONMETALLIC 5/8 I.D., RUBBER... V	
4	PAOZZ	4720011595796	7X677	9438373	HOSE, NONMETALLIC 3/8 I.D., 5/8 O.D., V	
					25 FEET LONG.....	
5	PAOZZ	4720011557784	7X677	9438257	HOSE, NONMETALLIC 1/4 I.D., 1/2 O.D., V	
					25 FEET LONG.....	
6	PAOZZ	4720011560549	7X677	9439046	HOSE, NONMETALLIC 1/4 I.D., 25 FEET V	
					LONG.....	

END OF FIGURE

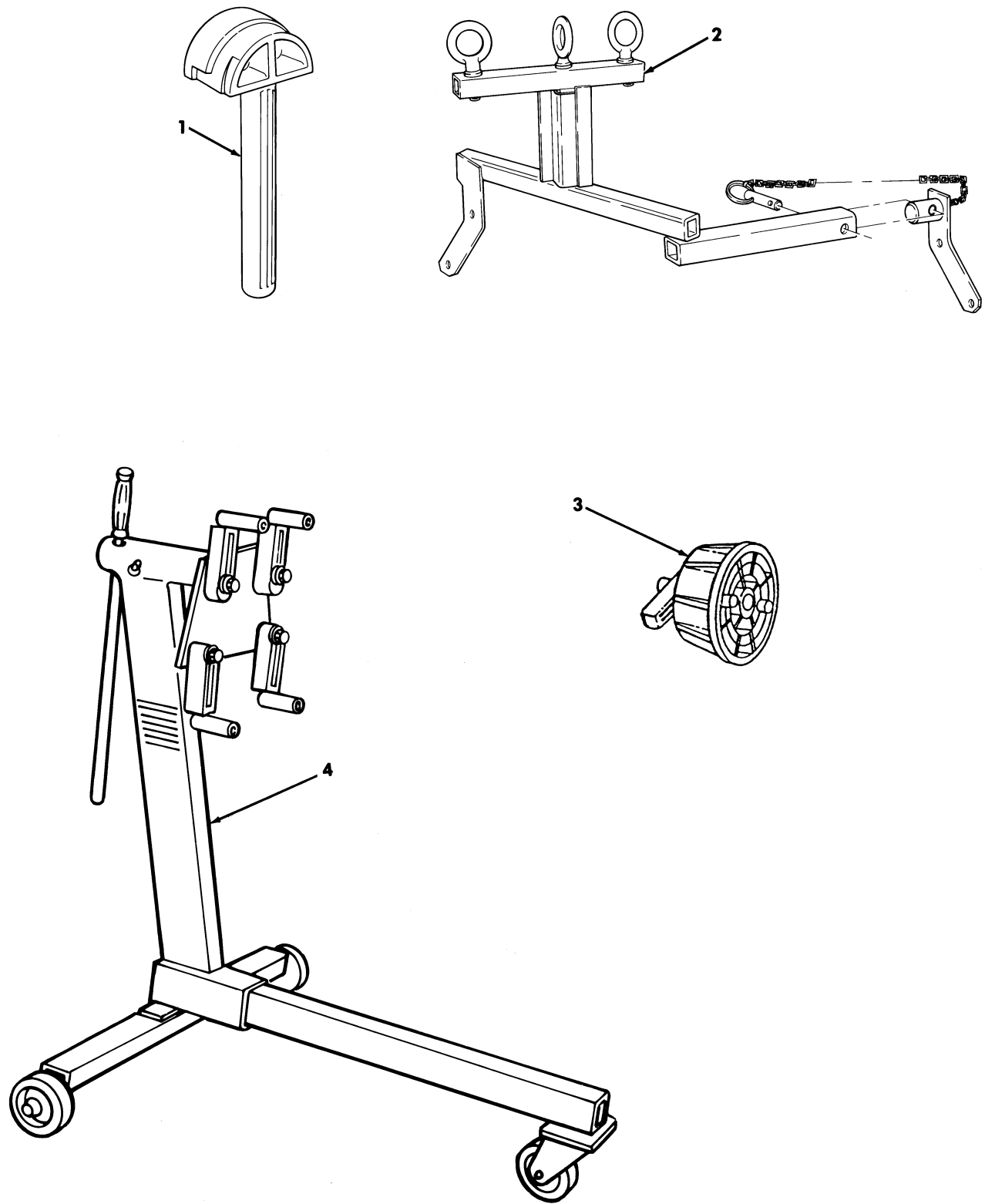


Figure 35. Special Tools.

SECTION III			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
					GROUP 26 TOOLS AND TEST EQUIPMENT	
					2604 SPECIAL TOOLS	
					FIG. 35 SPECIAL TOOLS	
1	PEHZZ	5120012108792	33287	J33153	INSTALLER,SEAL 6.2 LITER,REAR MAIN, BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
2	PEFZZ	4910011937808	33287	J33139	UOC:10E,20E SLING,ENGINE AND TR LIFTING,BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0268.....	
3	PEHZZ	5120014220334	33287	J-39084	INSERTER,SEAL 6.5 LITER,REAR MAIN, BOI: SEE PARA. 5.I PART OF KIT P/N 57K3218.....	
4	PEHZZ	4910005060037	45225	1725-A	UOC:11E,12E,30E,40E,50E,60E,70E,80E, 90E STAND,MAINTENANCE,A ENGINE,BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0266.....	

END OF FIGURE

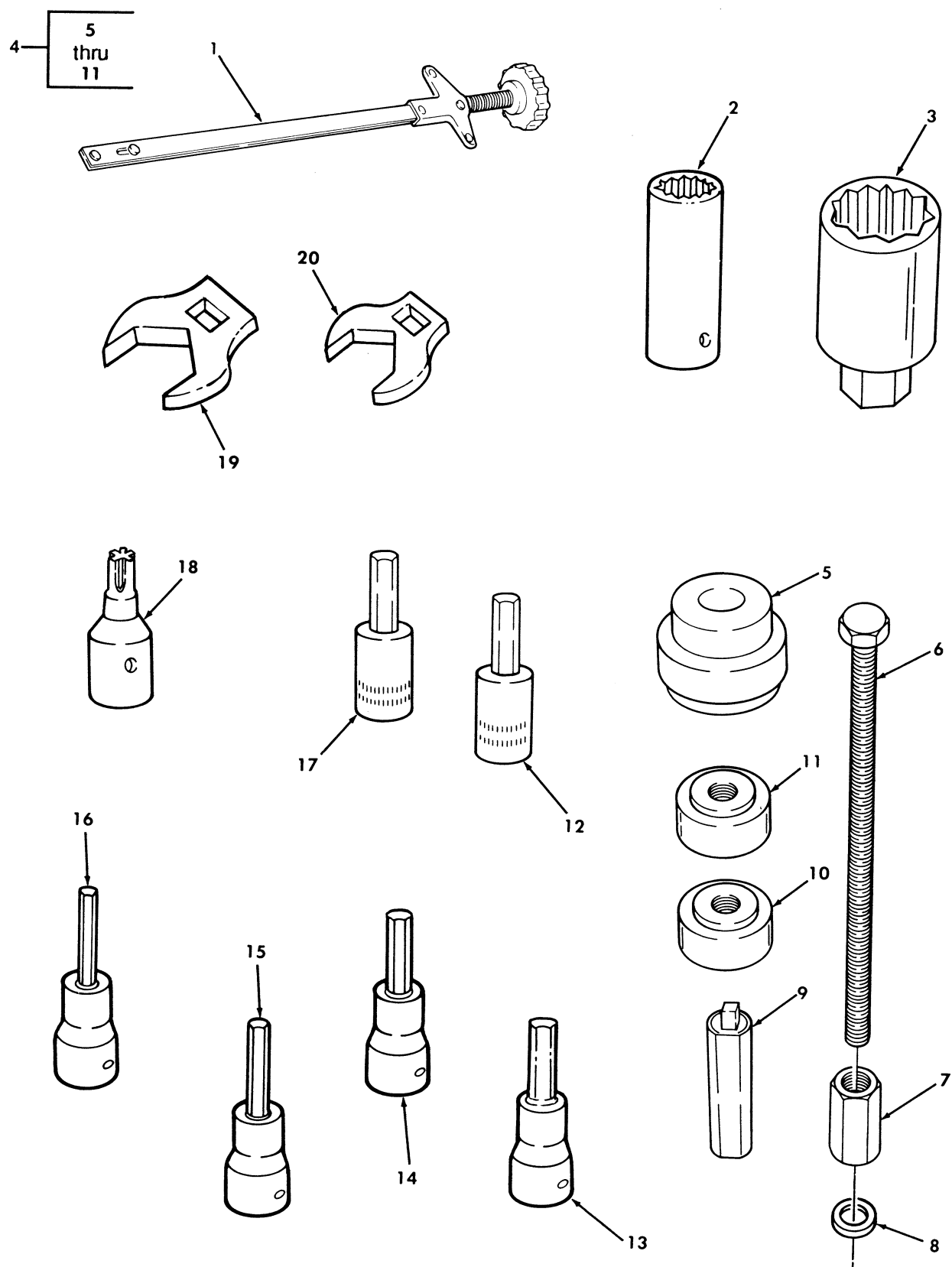


Figure 36. Special Tools.

SECTION III			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 2604 SPECIAL TOOLS						
FIG. 36 SPECIAL TOOLS						
1	PEFZZ	5120012096870	33287	J29834	LIFTER, VALVE SPRING BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0268.....	
2	PEOZZ	5120001425152	96508	TL-12	SOCKET, SOCKET WRENC 12 POINT, 3/8, 3X8 DRIVE, BOI: SEE PARA. 5.I.....	
3	PEFZZ	5120011715233	25341	J-29873	SOCKET, SOCKET WRENC PART OF KIT P/N 57K0268.....	
4	PEHZZ	5120012063818	33287	J35178	UOC:10E PULLER, MECHANICAL CAMSHAFT BEARING, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0266.....	
5	PEHZZ	5120012481808	33287	J35178-1	.ADAPTER, MECHANICAL.....	
6	PEHZZ	5306012545465	33287	J6098-3	.ROD, CONTINUOUS THRE.....	
7	PEHZZ	5310012533148	33287	J6098-5	.NUT, PLAIN, HEXAGON.....	
8	PEHZZ	5310002059078	75638	6805	.WASHER, FLAT.....	
9	PEHZZ	5120012474749	33287	J6098-4	.HANDLE, DRIVER.....	
10	PEHZZ	5120012481809	33287	J6098-11	.ADAPTER, MECHANICAL.....	
11	PEHZZ	5120012481810	33287	J6098-12	.ADAPTER, MECHANICAL.....	
12	PEOZZ	5120010551308	55719	FAM6A	SCREWDRIVER ATTACHM 6MM, 3/8 DRIVE, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0267.....	
13	PEFZZ	5120009690071	C7127	FA5A	BIT, SCREWDRIVER HEX DRIVE, 5/32 IN, 3/8 IN SQ DR, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0268.....	
14	PEOZZ	5120005968508	95021	V8508	SCREWDRIVER ATTACHM HEX DRIVE, 1/4 IN, 3/8 IN SQ DR, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0267.....	
15	PEOZZ	5120013673477	55719	FA10E	SCREWDRIVER ATTACHM HEX, 5/16, 3/8 DRIVE, BOI: SEE PARA. 5.I PART OF KIT P/N 57K0267.....	
16	XDOZZ	5120005164979	95021	4080-08	SCREWDRIVER ATTACHM HEX, 1.8, 3/8 DRIVE, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0267.....	
17	PEOZZ	5120010534159	55719	FAM8A	SCREWDRIVER ATTACHM HEX, 8 MM, 3/8 DRIVE, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0267.....	
18	PEHZZ	5120010781899	84760	22939	SCREWDRIVER ATTACHM TORX, T27, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0266.....	
19	PEFZZ	5120012309421	33287	J35160	CROWFOOT ATTACHMENT 19 MM, 1/2 DRIVE, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0268.....	
20	PEFZZ	5120012428165	33287	J35159	CROWFOOT ATTACHMENT 16 MM, 3/8 DRIVE, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0268.....	

END OF FIGURE

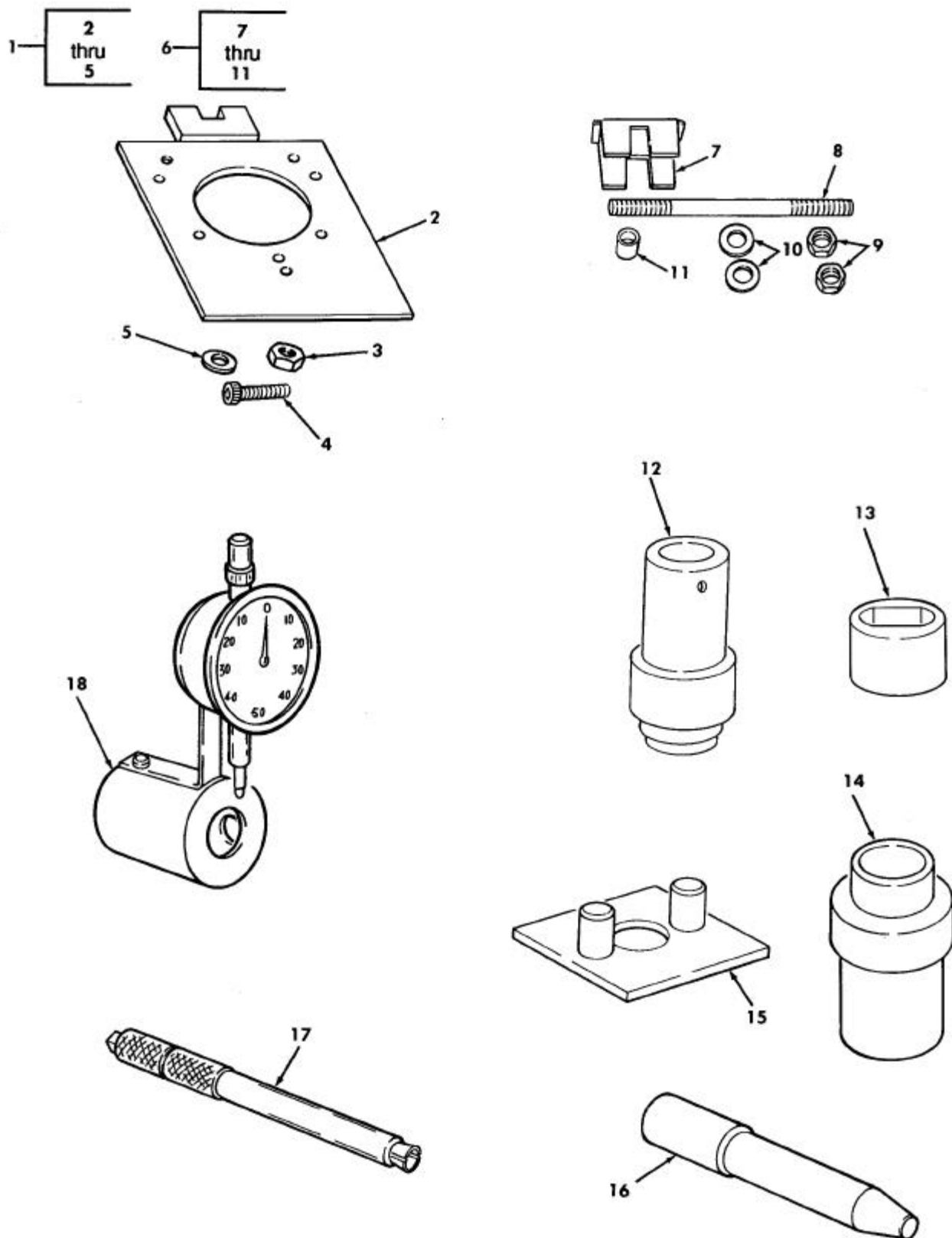


Figure 37. Special Tools.

SECTION III			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 2604 SPECIAL TOOLS						
FIG. 37 SPECIAL TOOLS						
1	PEHZZ	5120012087753	78514	23615	FIXTURE ASSEMBLY,HO HOLDER, INJECTION PUMP,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
2	XAHZZ		78514	23614	.PLATE ASSEMBLY.....	
3	PAHZZ	5310012597433	78514	13382	.NUT,PLAIN,HEXAGON.....	
4	PAHZZ	5305012536508	78514	13396	.SCREW,CAP,SOCKET HE.....	
5	PAHZZ	5310012582639	84760	10498	.WASHER,FLAT.....	
6	PEHZZ	5180011890448	84760	18411	TOOL KIT,BUSHING THROTTLE SHAFT INSTALLER,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
7	PFHZZ	5120012511901	84760	17787	.BRACE,INSTALLER.....	
8	PAHZZ	5306012552630	84760	17777	.ROD,THREADED END.....	
9	PAHZZ	5310012579034	84760	15385	.NUT,PLAIN,HEXAGON.....	
10	PAHZZ	5310012579101	84760	15384	.WASHER,FLAT.....	
11	PAHZZ	3120012559328	84760	15383	.BUSHING,SLEEVE.....	
12	PEHZZ	5120012081767	84760	16314	REMOVAL TOOL FUEL INJECTION PUMP PILOT TUBE,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
13	PEHZZ	5120012075563	78514	20548	WRENCH,END CAP INJECTION PUMP,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
14	PEHZZ	5120012087771	78514	23805	INSERTER,BEARING AN INJECTION PUMP, BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
15	PEHZZ	5120011970236	78514	16313	GOVERNOR ASSEMBLY ROTOR SUPPORT, INJECTION PUMP,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
16	PEHZZ	5120012087752	78514	22727	INSTALLATION TOOL,D INJECTION PUMP DRIVE,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
17	PEHZZ	5120008167059	84760	26081	RETRACTOR ASSEMBLY DELIVERY VALVE, INJECTION PUMP,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
18	PEHZZ	5210012004526	84760	19969	INDICATOR,DIAL INJECTION PUMP, ROLLER TO ROLLER SETTING,BOI: SEE PARA.5.1 PART OF KIT P/N 57K0266....	

END OF FIGURE

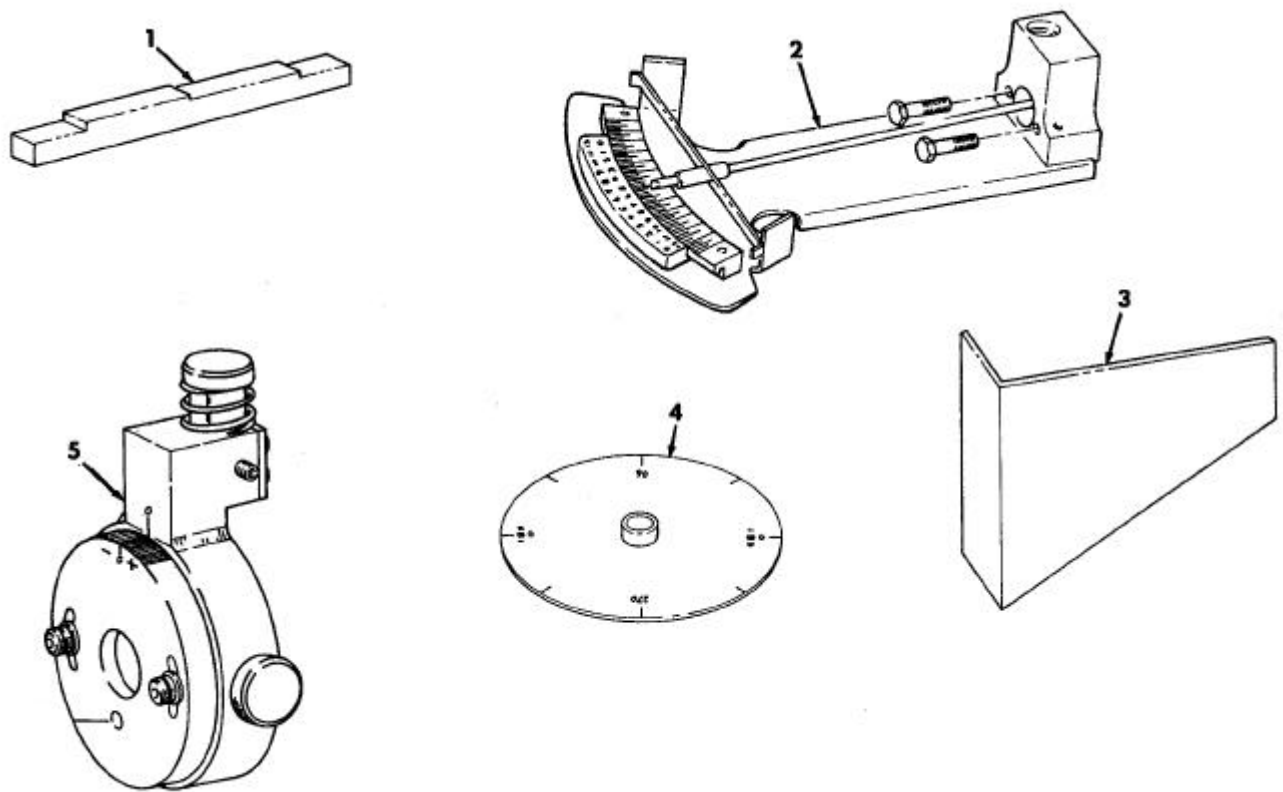


Figure 38. Special Tools.

SECTION III			TM9-2815-237-34P			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 2604 SPECIAL TOOLS						
FIG. 38 SPECIAL TOOLS						
1	PEHZZ	5210012490370	78514	23080	TOOL, LINKAGE GAP BOI: SEE PARA. 5.I	
2	PEHZZ	5210012490368	78514	23745	PART OF KIT P/N 57K0266.....	
3	PEHZZ	5210012490369	78514	23716	INDICATOR, AUTOMATIC BOI: SEE PARA.	
4	PEHZZ	6675012472286	78514	22089	5.I PART OF KIT P/N 57K0266.....	
5	PEHZZ	5220012470361	78514	23715	GAGE, THROTTLE BOI: SEE PARA. 5.I	
					PART OF KIT P/N 57K0266.....	
					PROTRACTOR, CIRCULAR BOI: SEE PARA.	
					5.I. PART OF KIT P/N 57K0266.....	
					GAGE, COMPARATOR, AIR BOI: SEE PARA.	
					5.I. PART OF KIT P/N 57K0266.....	
END OF FIGURE						

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX					
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4730-00-014-2432	17	13	5310-00-809-4061	1	3
	18	14		11	1
4730-00-044-4655	2	10	5120-00-816-7059	37	17
5305-00-052-6456	28	16	5306-00-819-3038	22	12
5306-00-068-0513	31	2	5310-00-823-8804	31	3
5310-00-080-6004	26	4	5315-00-828-5487	9	13
	8	11			
5310-00-087-7493	19	5	5330-00-830-1745	16	4
4720-00-139-3968	BULK	2	5310-00-830-7825	20	10
5120-00-142-5152	36	2	5330-00-855-6045	9	24
2910-00-148-6555	21	24	4730-00-871-6729	17	9
4730-00-150-6118	19	9		18	6
2805-00-155-7263	6	7	5340-00-881-5303	19	8
2805-00-155-7266	6	6	5360-00-887-1536	22	3
4730-00-166-9178	26	10	5315-00-887-1539	22	22
4730-00-187-4202	2	15	5360-00-900-2564	21	25
5310-00-190-0752	20	9	4730-00-908-6292	17	15
5305-00-207-3984	22	34		18	16
5310-00-209-1218	20	2	4730-00-911-5707	10	1
5310-00-251-4503	31	18	4720-00-930-2231	BULK	3
2805-00-336-1716	9	15	5310-00-934-9757	20	8
5305-00-366-3337	28	1	5120-00-969-0071	36	13
3120-00-393-4067	22	18	5310-00-988-2652	21	3
5315-00-393-5865	3	1	3120-00-993-4152	22	44
	7	18	6620-00-993-5546	29	6
4730-00-444-8489	10	9		30	6
5340-00-449-6408	2	16	5120-01-053-4159	36	17
4730-00-459-6077	21	32	5120-01-055-1308	36	12
2910-00-493-2138	16	3	4730-01-066-1278	10	9
4910-00-506-0037	35	4	5120-01-078-1899	36	18
4730-00-541-0793	27	1	5331-01-107-4950	10	2
5305-00-543-2419	1	6	2920-01-117-3251	20	6
5310-00-559-0070	20	7	2910-01-117-7252	22	19
5310-00-582-5765	20	5	5310-01-118-2248	20	34
5310-00-582-5965	31	5	5305-01-118-4114	20	3
5120-00-596-8508	36	14	4730-01-118-8278	19	2
5325-00-598-1428	22	20	5310-01-119-1024	31	12
5310-00-637-9541	1	4	5310-01-127-2456	33	1
	28	13	5342-01-130-1141	18	12
5331-00-641-8283	22	13	2805-01-142-2631	6	15
5330-00-700-6868	16	2	6620-01-146-8006	26	1
4730-00-728-2393	10	10	2930-01-147-4198	26	3
2805-00-752-0158	6	8	2815-01-147-4200	6	18
5330-00-757-1680	22	5	2815-01-147-4201	6	19
5305-00-781-3926	1	5	2590-01-147-4285	9	2
4820-00-786-3971	22	11	2930-01-147-8555	8	15
5325-00-804-2027	22	17	5310-01-147-8744	3	9
5310-00-809-3078	9	31	2815-01-147-9358	6	16
	17	7	5330-01-147-9808	27	4
	19	25	4710-01-148-2659	19	1

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NATIONAL STOCK NUMBER INDEX					
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4730-01-148-2758	26	14	5307-01-150-1227	11	2
	27	2		26	5
5306-01-148-3667	19	6	5365-01-150-1386	7	15
5305-01-148-3686	3	10	5305-01-150-1521	19	14
2815-01-148-3771	4	1	5307-01-150-1549	8	16
5305-01-148-5915	11	4		27	13
2815-01-148-6966	8	14	2815-01-150-2198	5	4
2815-01-148-6971	7	14	3020-01-150-2207	7	8
5306-01-148-7454	16	7	5340-01-150-4106	19	19
5306-01-148-7456	2	7			
5310-01-148-7479	8	2	5330-01-150-5944	17	1
5340-01-148-7528	17	5		18	1
5340-01-148-7529	19	31	5307-01-150-5991	11	3
5306-01-148-8198	4	2		11	3
5340-01-148-8349	17	4	5307-01-150-5992	9	26
3020-01-148-8846	7	2	5307-01-150-5993	8	7
6680-01-148-8875	29	4	5340-01-150-6026	19	15
2815-01-148-9534	8	5	5340-01-150-6275	19	20
2815-01-148-9535	3	6	5330-01-150-7744	9	28
2815-01-148-9540	6	1	5340-01-150-7774	19	29
3020-01-148-9547	7	5	5307-01-150-9538	19	7
4710-01-148-9580	19	11	5305-01-150-9781	9	25
4710-01-148-9581	19	28	5315-01-151-4180	16	5
4710-01-148-9582	19	17	5306-01-151-4925	16	6
5310-01-149-0870	7	4	5325-01-151-6117	9	3
5330-01-149-0874	2	4	5340-01-151-9956	19	4
	26	9	5340-01-151-9957	19	32
5305-01-149-1938	7	17	3120-01-152-1989	3	4
	27	8	3120-01-152-2039	3	3
	27	8	3120-01-152-2612	7	16
5306-01-149-4395	6	4	3120-01-152-4239	3	2
4710-01-149-5075	19	30	5306-01-152-4693	25	1
4710-01-149-5076	19	12		31	13
5315-01-149-9712	2	27			
3120-01-152-5945	7	12			
4710-01-149-5077	19	23	3120-01-152-5946	7	9
5315-01-149-5433	3	7	3120-01-152-8200	7	11
3020-01-149-5915	7	7	3120-01-152-8201	3	2
5306-01-149-6278	14	2	4710-01-153-1636	19	18
5306-01-149-6280	8	13	4820-01-153-1851	2	17
	9	4	3120-01-153-7545	3	2
	11	5	5365-01-154-1484	6	9
	26	13	5365-01-154-4378	2	11
2805-01-149-7859	3	8	5330-01-154-7159	9	10
5340-01-149-7977	2	12	5307-01-154-9586	8	4
5306-01-149-9668	2	21	5310-01-155-2503	8	17
5305-01-149-9673	27	11		17	6
2815-01-150-0673	6	17		30	7
4730-01-150-0879	10	6	3020-01-155-5779	7	6
2910-01-150-0950	15	1	4720-01-155-7784	BULK	5
			4720-01-156-0549	BULK	6
4710-01-150-0971	19	16	5330-01-156-5147	9	7
5330-01-150-1215	15	2	3120-01-157-0914	7	10

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NATIONAL STOCK NUMBER INDEX					
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5330-01-157-6757	2	8	2815-01-168-7912	9	22
5310-01-157-6773	6	12	2815-01-168-7917	13	2
			2815-01-168-7918	13	3
4720-01-159-5796	BULK	4	5120-01-171-5233	36	3
5340-01-159-6626	19	24	2815-01-172-6780	6	3
	19	24	3120-01-173-3728	3	3
5340-01-159-8534	22	24	3120-01-175-3813	3	3
5340-01-159-8535	22	24	2920-01-175-7214	29	2
5340-01-159-8536	22	24		30	2
5342-01-160-4397	9	5	5360-01-175-7269	6	11
5325-01-160-4618	19	13	3120-01-177-3064	3	4
4710-01-161-0138	17	12	5307-01-178-7445	27	10
	18	13	3120-01-181-7938	3	4
5310-01-161-6121	20	1	4820-01-182-1073	22	8
5365-01-162-3797	2	13	5340-01-182-1074	25	2
5305-01-162-7885	7	1	4730-01-182-6565	26	12
2815-01-163-7189	6	14		27	7
2815-01-163-7190	6	14	5331-01-183-0971	10	8
2815-01-163-7191	6	14	5930-01-183-6637	29	5
3040-01-163-7208	9	8		30	8
4720-01-163-7833	BULK	1	5330-01-184-6500	10	3
2815-01-163-7838	5	1	5940-01-185-1122	20	15
2815-01-163-9999	5	1	4710-01-185-6179	17	3
2815-01-164-0138	5	2		18	3
5305-01-164-6320	8	10			
5340-01-164-6436	2	5	5315-01-186-1352	2	14
4730-01-164-7028	11	8			
2815-01-164-7948	2	2	5307-01-187-0519	9	17
5360-01-165-1563	9	16	5340-01-187-0892	19	27
5306-01-165-2425	5	5	4730-01-187-6892	30	5
5306-01-165-3310	8	12	4730-01-187-6929	10	4
5310-01-165-3331	9	30	5305-01-188-0489	22	45
	19	26	5305-01-188-0490	22	45
5310-01-165-3333	5	7	5305-01-188-0491	22	45
5306-01-165-4283	26	6			
5306-01-165-5582	9	12	5305-01-188-0492	22	45
2815-01-165-8002	6	13	5305-01-188-0493	22	45
4820-01-165-9596	20	11	5305-01-188-0494	22	45
2815-01-166-0621	2	19	5315-01-188-0495	21	26
5342-01-166-1534	19	21	5315-01-188-0765	22	1
5340-01-166-5640	2	3	5315-01-188-0766	22	1
			5365-01-188-0782	9	23
5315-01-167-5584	21	10	5365-01-188-0783	21	43
5340-01-167-7794	17	8	5365-01-188-0784	21	19
2930-01-168-7870	28	2	5365-01-188-0785	21	39
2815-01-168-7871	9	9	5360-01-188-0807	20	30
4330-01-168-7872	10	5	5305-01-188-0948	22	40
			5325-01-188-0958	22	20
2910-01-168-7905	16	1	5325-01-188-0960	21	28
2815-01-168-7909	11	7	5325-01-188-0962	21	13

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NATIONAL STOCK NUMBER INDEX					
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5365-01-188-0993	21	4	5315-01-190-0429	21	15
5340-01-188-3176	22	41	5945-01-190-3559	20	18
5945-01-188-3194	20	20	5305-01-190-4070	21	45
3040-01-188-3222	22	4	5305-01-190-4555	34	1
3040-01-188-3242	22	23	5310-01-190-4607	28	14
2910-01-188-3243	22	37	5305-01-190-5745	21	9
2910-01-188-3244	22	28	5307-01-190-5854	28	12
4820-01-188-3245	22	33	5360-01-190-6214	28	11
4820-01-188-3246	22	33	5360-01-190-6215	21	1
2910-01-188-3249	21	27	5305-01-191-0374	22	29
2910-01-188-3250	21	30	5310-01-191-0440	20	14
2910-01-188-3251	21	29	5315-01-191-3393	22	2
2910-01-188-3252	20	32	2910-01-191-8453	22	24
2910-01-188-3254	20	23	2910-01-191-8454	22	24
2910-01-188-3255	22	9	2910-01-191-8455	22	24
2910-01-188-3256	21	8	2910-01-191-8456	22	24
4320-01-188-3258	21	42	2910-01-191-8457	22	24
2920-01-188-3259	20	13	2910-01-191-8458	22	24
3040-01-188-3261	22	39	2910-01-191-8459	22	24
2520-01-188-3282	20	29	2910-01-191-8464	22	31
2930-01-188-3682	26	15	3040-01-192-4466	6	2
2920-01-188-3863	24	1	3040-01-192-4585	22	37
3020-01-188-3884	3	11	5330-01-192-5779	22	6
3020-01-188-3885	28	20	5340-01-192-6030	21	17
5307-01-188-4684	8	6	5331-01-192-8892	28	6
5305-01-188-6566	22	45	2930-01-193-7802	27	3
5305-01-188-6567	22	30	4910-01-193-7808	35	2
5305-01-188-6568	21	36	5330-01-194-0472	13	1
5360-01-188-6693	21	33	5310-01-194-0481	28	3
5310-01-188-6743	20	25	5360-01-194-3162	20	28
5360-01-188-6806	22	35	5340-01-194-5294	9	14
3110-01-188-7682	22	7	6620-01-194-6586	29	7
5307-01-188-9217	22	15		30	9
5180-01-189-0448	37	6	5331-01-194-8966	28	10
4820-01-189-0894	21	34	2530-01-194-9868	20	16
2910-01-189-0895	21	22	5331-01-195-1500	28	9
2930-01-189-1744	28	5	5305-01-195-5818	13	6
2910-01-189-1747	21	44	5307-01-196-4717	9	26
2910-01-189-1748	22	24	2590-01-196-5228	9	1
5315-01-189-2141	21	37	5120-01-197-0236	37	15
2910-01-189-2142	20	26	5306-01-198-5515	2	22
3040-01-189-2163	21	11	2910-01-199-2355	17	2
5360-01-189-3466	22	10	5930-01-199-8853	31	4
5360-01-189-3606	20	24	5210-01-200-4526	37	18
5360-01-189-3607	21	40	5120-01-206-3818	36	4
5305-01-189-3769	28	19	4730-01-206-4810	10	10
5310-01-189-8468	28	4	2590-01-207-3696	33	2
2930-01-189-8643	28	17	5120-01-207-5563	37	13
2910-01-189-8851	9	11	5307-01-207-9004	27	9
2910-01-190-0069	21	41	5120-01-208-1767	37	12

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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5120-01-208-7752	37	16	5306-01-251-9188	3	12
5120-01-208-7753	37	1	5305-01-253-6508	37	4
5120-01-208-7771	37	14	5306-01-253-7073	9	19
5120-01-209-6870	36	1	5305-01-254-2521	31	1
5310-01-210-1587	13	5	5306-01-255-2630	37	8
	26	8	3120-01-255-9328	37	11
5360-01-210-2852	25	3	4320-01-256-3698	21	42
2910-01-210-6938	22	43	2910-01-256-9157	20	33
5120-01-210-8792	35	1	5310-01-257-9034	37	9
5342-01-212-7133	32	1	5310-01-257-9101	37	10
3040-01-212-7616	6	5	5310-01-258-2639	37	5
5305-01-215-9425	21	2	5310-01-259-7433	37	3
5320-01-218-0721	27	6	5360-01-260-5649	22	32
3040-01-218-4730	32	2	5305-01-260-5737	21	16
5306-01-230-3354	9	21	2815-01-265-7071	2	1
4710-01-230-5611	20	19	5310-01-266-6425	22	27
	20	21	2910-01-280-4283	15	1
4730-01-230-6353	26	16	2910-01-299-0473	KITS	80
2910-01-230-9007	21	24	5330-01-310-6780	9	27
5120-01-230-9421	36	19	3020-01-313-0682	28	20
2815-01-231-3672	1	1	2815-01-313-4309	2	1
2910-01-232-1044	21	23	2815-01-314-4339	6	13
5331-01-232-2145	20	12	2815-01-314-4343	2	2
5330-01-233-8597	21	18	4710-01-314-4483	19	11
5325-01-234-0447	5	3	4710-01-314-4484	19	17
5330-01-234-2615	20	27	4710-01-314-4485	19	16
5331-01-236-0476	22	26	4710-01-314-4486	19	23
5330-01-236-0488	22	13	4710-01-314-4487	19	18
5930-01-237-7322	29	1	4710-01-314-4488	19	28
	30	1	4710-01-314-4489	19	30
3120-01-239-5132	22	24			
5120-01-242-8165	36	20	2815-01-314-5435	2	2
2815-01-246-5069	2	2	2815-01-314-6887	6	13
2815-01-246-5268	5	2	2815-01-314-7940	1	1
2815-01-246-5269	5	2	5307-01-315-3597	13	4
5220-01-247-0361	38	5	5330-01-315-7047	6	10
3040-01-247-0893	22	4	4710-01-316-0222	19	12
3040-01-247-0914	21	42	2910-01-316-2312	20	23
6675-01-247-2286	38	4	4820-01-316-2497	22	33
5330-01-247-8438	28	7	3040-01-317-0367	20	31
5210-01-249-0368	38	2	3040-01-317-0368	21	12
5210-01-249-0369	38	3	4820-01-317-0374	22	8
5210-01-249-0370	38	1	4820-01-317-0552	22	33
5330-01-249-1629	3	5	4320-01-317-0692	22	25
5342-01-250-1098	17	14	5365-01-317-4249	21	19
	18	15	5307-01-317-6317	22	15
5340-01-250-3240	20	17	5360-01-317-8098	20	22
5310-01-250-7679	9	20	5360-01-317-9451	21	6
5310-01-251-0711	31	6	5310-01-318-1883	22	14
5305-01-251-1626	7	3	5365-01-318-1887	21	43
5120-01-251-1901	37	7	5360-01-318-1893	20	24

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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5360-01-318-1894	21	33	5360-01-413-7363	20	30
			5325-01-413-7364	21	14
2990-01-320-8915	22	38	5360-01-413-7368	21	40
2910-01-326-9221	17	2	5340-01-414-0247	22	28
5330-01-331-1207	KITS	10	2910-01-414-0346	21	29
4730-01-334-0695	21	31	2910-01-414-1272	17	2
5340-01-334-1422	KITS	70	5305-01-414-3012	21	45
2910-01-348-1874	20	4	2910-01-414-5382	22	25
5305-01-360-1136	3	13	2910-01-414-6651	21	42
5310-01-361-1163	31	17	2910-01-414-7888	21	42
2910-01-363-8782	21	31	2815-01-414-9135	5	8
5120-01-367-3477	36	15	4810-01-415-9460	21	27
5330-01-372-0636	8	18	5340-01-415-9627	22	24
5330-01-378-8572	9	32	5340-01-415-9628	22	24
5330-01-378-8577	3	5	5340-01-415-9633	22	16
5330-01-378-8646	KITS	20	5360-01-416-6594	21	40
5330-01-378-9264	KITS	30			
2910-01-379-3752	15	1	3120-01-417-8084	7	13
5340-01-384-9987	9	18			
5305-01-397-6850	2	6		KITS	60
	18	7	2815-01-418-6415	2	29
5330-01-398-3777	8	8	2815-01-420-4180	1	1
4330-01-398-8484	10	7	5120-01-422-0334	35	3
2815-01-398-8487	6	13	3120-01-423-3698	5	8
2815-01-399-1020	5	1	5330-01-425-5069	9	29
2910-01-399-1848	15	1	3020-01-425-5380	7	8
2815-01-406-6675	1	1	4320-01-425-6571	21	42
5305-01-410-8158	27	12	2990-01-426-4425	31	10
5306-01-410-8159	2	7	2815-01-430-2599	9	22
2815-01-410-9710	1	1	5340-01-433-0931	31	15
2815-01-411-2138	3	8	5930-01-433-3142	31	16
2815-01-411-3964	3	6	5340-01-433-4750	22	24
2815-01-411-3965	6	13	5340-01-433-4752	22	24
3040-01-411-4191	31	8	2910-01-434-8597	18	2
2990-01-411-6556	8	15	2815-01-434-8603	KITS	50
2990-01-411-7898	8	9			
4710-01-411-8488	19	18			
4710-01-411-8489	19	16	5330-01-434-8611	26	2
4710-01-411-8492	19	17	2815-01-435-1707	2	1
4710-01-412-1667	19	23	4730-01-436-5769	1	28
4710-01-412-1668	19	30	4820-01-436-9135	2	17
4710-01-412-1669	19	12	5330-01-437-0547	12	4
2815-01-412-2666	2	2	2815-01-437-1014	12	5
5930-01-412-2836	29	3	2815-01-437-1015	12	5
2815-01-412-6760	5	1	2815-01-437-1016	2	1
2815-01-412-8161	5	2		2	2
2815-01-412-8162	5	2	2815-01-437-1017	2	2
2815-01-412-8171	11	7	2990-01-437-1020	23	5
4710-01-412-8611	19	11	2815-01-437-1021	14	1
4710-01-412-8615	19	28	2990-01-437-1022	23	6
			2815-01-437-1027	14	3
2815-01-413-1386	2	2	5340-01-437-4983	23	7

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NATIONAL STOCK NUMBER INDEX		FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
STOCK NUMBER	FIG.					
5330-01-437-9216	KITS		40			
5307-01-438-2319	12		1			
5306-01-438-2320	2		22			
5306-01-438-2322	12		2			
2815-01-439-6664	1		1			
2815-01-439-6665	1		1			
2815-01-439-8163	12		3			
2815-01-439-8164	1		1			
2950-01-439-8169	23		3			
4820-01-440-7461	1		18			
	2		18			
5340-01-440-9678	19		24			
5330-01-442-2876	2		8			
3020-01-442-7278	28		20			
3020-01-442-7485	3		15			
4730-01-444-0701	26		10			
4730-01-444-1115	3		14			
2930-01-444-6649	27		3			
6685-01-444-9478	26		1			
4730-01-445-2358	26		12			
2910-01-445-9041	21		42			
3040-01-445-9101	21		8			
2815-01-446-9537	21		42			
4710-01-446-9570	19		1			
2815-01-449-5585	9		6			
2815-01-453-7402	1		1			
2815-01-453-7403	1		1			
2815-01-453-7404	1		1			
5365-01-455-7545	3		16			
2815-01-455-8424	31		14			
5340-01-456-1502	30		4			
2815-01-456-2763	2		29			
2815-01-456-2772	2		29			
2815-01-456-2774	2		29			
2930-01-460-7507	26		15			
4710-01-460-9630	18		9			
5310-01-461-8011	18		8			
5340-01-462-3446	18		4			
5310-01-462-4459	18		17			
5307-01-465-5796	26		7			
2910-01-467-9029	17		2			
2835-01-469-2644	2		2			
2835-01-469-2648	2		2			
2920-01-469-6903	29		2			
	30		2			

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CAGEC	PART NUMBER INDEX		FIG.	ITEM
	PART NUMBER	STOCK NUMBER		
78225	AX2022-02	2590-01-196-5228	9	1
80204	B1821BH038C113N	5305-00-543-2419	1	6
80204	B1821BH038C275N	5305-00-781-3926	1	5
80204	B18241A100	5310-01-127-2456	33	1
0B0B1	CB1286P.25MM	3120-01-423-3698	5	8
84760	DB2829-4523	2910-01-199-2355	17	2
84760	DB2829-4879	2910-01-326-9221	17	2
84760	DB2831-5079	2910-01-434-8597	18	2
84760	DB2831-5149	2910-01-414-1272	17	2
84760	DB2831-5209	2910-01-467-9029	17	2
6N299	DE69582	5325-00-598-1428	22	20
34623	EX4412	4730-01-444-1115	3	14
55719	FAM6A	5120-01-055-1308	36	12
55719	FAM8A	5120-01-053-4159	36	17
55719	FA10E	5120-01-367-3477	36	15
C7127	FA5A	5120-00-969-0071	36	13
25341	J-29873	5120-01-171-5233	36	3
33287	J-39084	5120-01-422-0334	35	3
02032	JHP85-430	6620-00-993-5546	30	6
33287	J29834	5120-01-209-6870	36	1
33287	J33139	4910-01-193-7808	35	2
33287	J33153	5120-01-210-8792	35	1
33287	J35159	5120-01-242-8165	36	20
33287	J35160	5120-01-230-9421	36	19
33287	J35178	5120-01-206-3818	36	4
33287	J35178-1	5120-01-248-1808	36	5
33287	J6098-3	5306-01-254-5465	36	6
33287	J6098-4	5120-01-247-4749	36	9
33287	J6098-5	5310-01-253-3148	36	7
33287	J6098-11	5120-01-248-1809	36	10
33287	J6098-12	5120-01-248-1810	36	11
76599	MMF4-SS	4730-01-118-8278	19	2
96906	MS16624-1093	5325-00-804-2027	22	17
80205	MS16996-10	5305-00-052-6456	28	16
96906	MS21333-45	5340-00-881-5303	19	8
96906	MS27183-11	5310-00-809-3078	9	31
			17	7
			19	25
96906	MS27183-13	5310-00-087-7493	19	5
96906	MS27183-14	5310-00-080-6004	8	11
			26	4
96906	MS27183-15	5310-00-809-4061	1	3
			11	1
96906	MS27183-9	5310-00-823-8804	31	3
96906	MS35333-38	5310-00-559-0070	20	7
96906	MS35338-44	5310-00-582-5965	31	5
96906	MS35338-46	5310-00-637-9541	1	4
			28	13
96906	MS35649-282	5310-00-934-9757	20	8
96906	MS35650-103	5310-00-988-2652	21	3
96906	MS35769-9	5330-00-855-6045	9	24
96906	MS35842-14	4730-00-908-6292	17	15

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PART NUMBER INDEX				
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS35842-14	4730-00-908-6292	18	16
96906	MS51500A10-6	4730-01-066-1278	10	9
96906	MS521304B203R	4720-00-930-2231	BULK	3
81349	M83461/1-020	5331-01-107-4950	10	2
81349	M83461/1-236	5331-01-183-0971	10	8
73165	OS34400	5330-01-310-6780	9	27
70040	PF1218	4330-01-398-8484	10	7
96906	MS521304B203R	4720-00-930-2231	BULK	3
81349	M83461/1-020	5331-01-107-4950	10	2
81349	M83461/1-236	5331-01-183-0971	10	8
73165	OS34400	5330-01-310-6780	9	27
70040	PF1218	4330-01-398-8484	10	7
18876	PMS90727001-06	5306-00-068-0513	31	2
34623	RCSK17503	5340-01-433-0931	31	15
34623	RCSK17504	5930-01-433-3142	31	16
34623	RCSK17748	5365-01-455-7545	3	16
34623	RCSK17749	3020-01-442-7485	3	15
34623	RCSK17829	2815-01-439-8163	12	3
34623	RCSK18088	5340-01-456-1502	30	4
34623	RCSK18221	3020-01-442-7278	28	20
34623	RCSK18263		1	2
0B0B1	SH1366S	3120-01-417-8084	7	13
01RE3	SL-1152	2815-01-418-6415	2	29
01RE3	SL195	2815-01-456-2772	2	29
01RE3	SL195X	2815-01-456-2763	2	29
01RE3	SL295	2815-01-456-2774	2	29
96508	TL-12	5120-00-142-5152	36	2
09527	TS6058	6620-01-194-6586	29	7
			30	9
95021	V8508	5120-00-596-8508	36	14
81348	WW-P-471AASBCC	4730-00-187-4202	2	15
81343	10-8070102BA	4730-00-444-8489	10	9
81343	10-8070302C	4730-01-206-4810	10	10
22787	10-9858	5310-00-190-0752	20	9
7X677	10000462	5340-00-449-6408	2	16
7X677	10024396	5307-01-188-4684	8	6
7X677	10049638	5305-01-410-8158	27	12
7X677	10137454	2815-01-314-6887	6	13
7X677	10137455	2815-01-314-4339	6	13
7X677	10137456	2815-01-165-8002	6	13
7X677	10137486	5330-01-150-5944	17	1
			18	1
7X677	10137488	5330-01-149-0874	2	4
			26	9
7X677	10137492	5330-01-147-9808	27	4
7X677	10149551	4710-01-314-4489	19	30
7X677	10149552	4710-01-314-4483	19	11
7X677	10149553	4710-01-314-4488	19	28
7X677	10149554	4710-01-316-0222	19	12
7X677	10149555	4710-01-314-4487	19	18
7X677	10149556	4710-01-314-4485	19	16

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CAGEC	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
			STOCK NUMBER		
7X677	10149557		4710-01-314-4486	19	23
7X677	10149558		4710-01-314-4484	19	17
7X677	10149629		2815-01-437-1016	2	1
				2	2
7X677	10149663		2815-01-398-8487	6	13
7X677	10149688		2815-01-314-5435	2	2
7X677	10154601		4730-01-445-2358	26	12
7X677	10154626		2815-01-411-3965	6	13
7X677	10154638		2990-01-411-7898	8	9
7X677	10154688		2815-01-411-2138	3	8
7X677	10154689		3020-01-425-5380	7	8
7X677	10163712		2815-01-313-4309	2	1
7X677	10163716		5340-01-440-9678	19	24
7X677	10163717		2815-01-314-4343	2	2
7X677	10163726			2	1
7X677	10163736		5330-01-157-6757	2	8
24617	10183926		2835-01-469-2648	2	2
7X677	10183978			2	20
7X677	10191640		5330-01-398-3777	8	8
7X677	10211661		5330-01-437-0547	12	4
7X677	10214034		2805-00-752-0158	6	8
7X677	10230425		2815-01-413-1386	2	2
7X677	10230426		2815-01-412-2666	2	2
7X677	10230567		2815-01-437-1017	2	2
7X677	10231252		2815-01-412-8171	11	7
7X677	10231255			8	19
7X677	10233972		2910-01-379-3752	15	1
7X677	10233973		2910-01-399-1848	15	1
7X677	10236743		2815-01-437-1014	12	5
7X677	10236744		2815-01-437-1015	12	5
7X677	10238373		2815-01-437-1027	14	3
7X677	10238374		2815-01-437-1021	14	1
7X677	10239025		2990-01-437-1020	23	5
7X677	10239026		2990-01-437-1022	23	6
7X677	10243629			26	11
84760	10394			34	2
84760	10453		5330-00-757-1680	22	5
84760	10498		5310-01-258-2639	37	5
84760	10541		5360-00-887-1536	22	3
7X677	106751		5315-00-393-5865	3	1
				7	18
51377	1090-06404-01		2930-01-168-7870	28	2
12603	11F04		4730-00-044-4655	2	10
00360	11040838-1		4730-00-871-6729	17	9
				18	6
84760	11057		2910-01-189-1748	22	24
84760	11058		2910-01-191-8453	22	24
84760	11059		2910-01-191-8454	22	24
84760	11060		2910-01-191-8455	22	24
84760	11062		2910-01-191-8456	22	24
84760	11063		2910-01-191-8457	22	24

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		PART NUMBER INDEX			
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM	
84760	11064	2910-01-191-8458	22	24	
84760	11065	2910-01-191-8459	22	24	
84760	11067	5340-01-159-8534	22	24	
84760	11068	5340-01-159-8535	22	24	
84760	11069	5340-01-159-8536	22	24	
75160	11070	3120-01-239-5132	22	24	
84760	11072	5340-01-415-9627	22	24	
84760	11073	5340-01-433-4750	22	24	
84760	11074	5340-01-433-4752	22	24	
84760	11075	5340-01-415-9628	22	24	
84760	11141	5315-00-887-1539	22	22	
84760	11175	5305-00-207-3984	22	34	
84760	11331	5306-00-819-3038	22	12	
7X677	11500256	5310-01-210-1587	13	5	
			26	8	
7X677	11500815	5305-01-149-1938	27	8	
			27	8	
7X677	11500827	5305-01-254-2521	31	1	
24617	11500831	5306-01-165-4283	26	6	
7X677	11500914	5306-01-149-4398	8	3	
24617	11502685	5305-01-397-6850	2	6	
			18	7	
			23	4	
7X677	11502804	5306-01-165-3310	8	12	
7X677	11503617	5305-01-150-1521	19	14	
7X677	11503639	5310-01-155-2503	17	6	
7X677	11503805	5305-01-150-9781	9	25	
7X677	11504512	5306-01-148-3667	19	6	
24617	11504986	5306-01-152-4693	25	1	
			31	13	
7X677	11505068	5305-01-148-5915	11	4	
73342	11505328	5305-01-360-1136	3	13	
84760	11507	5331-00-641-8283	22	13	
7X677	11508353	5306-01-253-7073	9	19	
7X677	11508355	5306-01-149-4395	6	4	
7X677	11508534	5306-01-230-3354	9	21	
7X677	11508600	5306-01-165-5582	9	12	
7X677	11509551		23	1	
7X677	11509589	5305-01-149-1938	7	17	
7X677	11509669	5306-01-151-4925	16	6	
24617	1150967	5305-01-149-9673	27	11	
7X677	11514603	5310-01-155-2503	8	17	
			30	7	
7X677	11516230	4730-01-444-0701	26	10	
84760	11563	4820-00-786-3971	22	11	
84760	11582	5310-00-209-1218	20	2	
19207	11663000	4730-00-150-6118	19	9	
19207	12258931-2	6680-01-148-8875	29	4	
7X677	12337836	5310-01-157-6773	6	12	
7X677	12337891	4730-00-166-9178	26	10	
7X677	12337902	5305-01-251-1626	7	3	

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CROSS-REFERENCE INDEXES

PART NUMBER INDEX				
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
7X677	12338119	5315-01-186-1352	2	14
19207	12338596	5930-01-183-6637	29	5
19207	12338596	5930-01-183-6637	30	8
19207	12338599	5930-01-237-7322	29	1
			30	1
19207	12338770		1	2
19207	12338770-4		1	2
19207	12338772	2920-01-175-7214	29	2
19207	12338772	2920-01-175-7214	30	2
19207	12338774	2590-01-207-3696	33	2
19207	12338780	4330-01-168-7872	10	5
19207	12338781	3020-01-188-3885	28	20
19207	12338782	3020-01-313-0682	28	20
19207	12338787	2815-01-168-7918	13	3
19207	12338788	2815-01-168-7917	13	2
19207	12339141	5342-01-212-7133	32	1
19207	12339142	5340-01-182-1074	25	2
19207	12339149	3040-01-218-4730	32	2
19207	12339239-1	5305-01-195-5818	13	6
19207	12339240	5305-01-189-3769	28	19
19207	12339393	3020-01-188-3884	3	11
19207	12339406-3	5307-01-315-3597	13	4
19207	12339406-4	5307-01-465-5796	26	7
19207	12339409	5330-01-184-6500	10	3
19207	12339410	4730-01-187-6929	10	4
19207	12339415	4730-01-230-6353	26	16
19207	12339491-1	5342-01-250-1098	17	14
			18	15
19207	12339492	5360-01-210-2852	25	3
19207	12339494	5930-01-199-8853	31	4
19207	12339890	5340-01-187-0892	19	27
19207	12340845-1	5306-01-251-9188	3	12
7X677	12369198	2815-01-399-1020	5	1
7X677	12456133		23	2
19207	12447108-1		1	2
19207	12460123	5930-01-412-2836	29	3
19207	12460124	3040-01-411-4191	31	8
19207	12460125		31	7
19207	12460160		31	9
7X677	12460163-1		1	2
19207	12460163-3		1	2
19207	12460163-5		1	2
19207	12460477		1	2
19207	12460490		1	2
19207	12469048		1	2
19207	12469051		1	2
19207	12469158-2	2920-01-469-6903	30	2
			29	2
84760	12500	5310-00-830-7825	20	10
7X677	12510753	2815-01-412-6760	5	1
7X677	12514574		27	5

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CAGEC	PART NUMBER INDEX		FIG.	ITEM
	PART NUMBER	STOCK NUMBER		
7X677	12514590	5330-01-331-1207	KITS	10
7X677	12514591-RB-1253 2530	5330-01-378-8646	KITS	20
7X677	12521443	5330-01-378-9264	KITS	30
7X677	12522839	2815-01-148-9534	8	5
7X677	12531702	3120-01-152-8201	3	2
7X677	12531704	5330-01-437-9216	KITS	40
7X677	12532429	2950-01-439-8169	23	3
7X677	12532481	2815-01-434-8603	KITS	50
7X677	12534772	2930-01-444-6649	27	3
7X677	12548430	4710-01-161-0138	17	12
			18	13
7X677	12550059	2815-01-412-8161	5	2
7X677	12550062	2815-01-412-8162	5	2
7X677	12550863	5310-01-462-4459	18	17
24617	12550985	2835-01-469-2644	2	2
7X677	12551497	6685-01-444-9478	26	1
7X677	12551502	5330-00-830-1745	16	4
7X677	12551591	5330-01-434-8611	26	2
7X677	12551755	2815-01-430-2599	9	22
7X677	12552171		2	25
7X677	12553066	5307-01-438-2319	12	1
7X677	12553155	5340-01-437-4983	23	7
7X677	12553484		27	5
7X677	12553488		27	4
7X677	12554091	2930-01-460-7507	26	15
7X677	12554092	2815-01-455-8424	31	14
7X677	12554094	4710-01-460-9630	18	9
7X677	12554344	5306-01-438-2322	12	2
7X677	12554488	2990-01-426-4425	31	10
7X677	12554517	5310-01-461-8011	18	8
7X677	12554629		18	5
7X677	12554835	4710-01-446-9570	19	1
7X677	12554844	4730-01-436-5769	1	28
24617	12554979	5330-01-442-2876	2	8
7X677	12555504		2	26
7X677	12555547		2	9
7X677	12555549		2	9
7X677	12555733		11	6
			12	6
72582	12556342		9	9
7X677	12556688		9	11
7X677	12556822	2815-01-435-1707	2	1
7X677	12557358		2	9
7X677	12557708		9	32
7X677	12558081	5365-01-162-3797	2	13
7X677	12559369		2	9
7X677	12560385		23	8
78514	13382	5310-01-259-7433	37	3
78514	13396	5305-01-253-6508	37	4
84760	13521	5310-01-161-6121	20	1

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		PART NUMBER INDEX			
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM	
			18	14	
24617	137397	4730-00-014-2432	17	13	
24617	138242	5305-00-366-3337	28	1	
7X677	14003948	5305-01-164-6320	8	10	
7X677	14003974	2805-01-142-2631	6	15	
7X677	14022640	2815-01-147-4201	6	19	
7X677	14022643	5365-01-150-1386	7	15	
7X677	14022644	3120-01-152-2612	7	16	
7X677	14022645	3020-01-149-5915	7	7	
7X677	14022646	3020-01-150-2207	7	8	
7X677	14022647	3020-01-155-5779	7	6	
7X677	14022648	5310-01-149-0870	7	4	
7X677	14022649	5330-01-156-5147	9	7	
7X677	14022650	5342-01-160-4397	9	5	
7X677	14022652	3020-01-148-8846	7	2	
7X677	14022653	3020-01-148-9547	7	5	
7X677	14022664		2	23	
7X677	14022665		2	24	
7X677	14022666		2	20	
7X677	14022670	5315-01-149-9712	2	27	
7X677	14022671	2805-01-149-7859	3	8	
7X677	14022672	5305-01-148-3686	3	10	
7X677	14022683	5330-01-150-7744	9	28	
7X677	14022699	3040-01-163-7208	9	8	
7X677	14022700	4730-01-150-0879	10	6	
7X677	14024204		8	9	
7X677	14024208	2930-01-147-8555	8	15	
7X677	14024229	5307-01-178-7445	27	10	
7X677	14025512	5360-01-175-7269	6	11	
7X677	14025515	5365-01-154-1484	6	9	
7X677	14025517	5340-01-166-5640	2	3	
7X677	14025518	2815-01-164-7948	2	2	
7X677	14025523	2815-01-150-2198	5	4	
7X677	14025525		5	6	
7X677	14025526	5306-01-165-2425	5	5	
7X677	14025527	5310-01-165-3333	5	7	
7X677	14025557	5330-01-150-1215	15	2	
7X677	14028918	2930-01-147-4198	26	3	
7X677	14028922	5306-01-149-6278	14	2	
7X677	14028942	5325-01-151-6117	9	3	
7X677	14032383	5340-01-462-3446	18	4	
7X677	14033818	5307-01-154-9586	8	4	
7X677	14033820	2815-01-148-6966	8	14	
7X677	14033824	5340-01-159-6626	19	24	
			19	24	
7X677	14033893	5340-01-151-9956	19	4	
7X677	14033895	5340-01-151-9957	19	32	
7X677	14033896	5340-01-148-8349	17	4	
7X677	14033911	4710-01-149-5075	19	30	
7X677	14033912	4710-01-148-9580	19	11	
7X677	14033913	4710-01-148-9581	19	28	

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		PART NUMBER INDEX			
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM	
7X677	14033914	4710-01-149-5076	19	12	
7X677	14033915	4710-01-153-1636	19	18	
7X677	14033916	4710-01-150-0971	19	16	
0A002	14033917	4710-01-149-5077	19	23	
7X677	14033918	4710-01-148-9582	19	17	
7X677	14033921	5340-01-150-4106	19	19	
7X677	14033922	5340-01-150-6275	19	20	
7X677	14033927	2815-01-163-7189	6	14	
7X677	14033946	5307-01-150-1227	11	2	
			26	5	
7X677	14033953	5340-01-150-7774	19	29	
7X677	14033955	5340-01-150-6026	19	15	
7X677	14042575	2805-00-155-7263	6	7	
7X677	14045263	5307-01-150-1549	8	16	
			27	13	
7X677	14045274	5340-01-164-6436	2	5	
7X677	14048454	3120-01-152-5945	7	12	
7X677	14048455	3120-01-152-8200	7	11	
7X677	14048456	3120-01-157-0914	7	10	
7X677	14048457	3120-01-152-5946	7	9	
7X677	14050425	5315-01-151-4180	16	5	
7X677	14050444	4730-01-164-7028	11	8	
7X677	14050658	2815-01-163-7190	6	14	
7X677	14050659	2815-01-163-7191	6	14	
7X677	14053400	3120-01-173-3728	3	3	
7X677	14055002	3120-01-152-1989	3	4	
7X677	14055003	3120-01-177-3064	3	4	
7X677	14055004	3120-01-181-7938	3	4	
7X677	14057296	2815-01-172-6780	6	3	
7X677	14059057	2910-01-150-0950	15	1	
7X677	14061569	4710-01-148-2659	19	1	
7X677	14063340	5340-01-167-7794	17	8	
7X677	14063606	2910-01-280-4283	15	1	
7X677	14066301	5342-01-166-1534	19	21	
7X677	14066305-AR		19	22	
7X677	14066305-10		19	10	
7X677	14066305-7		19	10	
7X677	14066307	5307-01-150-5992	9	26	
7X677	14066308	2815-01-148-6971	7	14	
7X677	14066310	2815-01-166-0621	2	19	
7X677	14069540	2815-01-246-5069	2	2	
7X677	14071059	2590-01-147-4285	9	2	
7X677	14071072	2815-01-265-7071	2	1	
7X677	14077122	6620-01-146-8006	26	1	
7X677	14077148	2815-01-147-4200	6	18	
7X677	14077157	2815-01-148-3771	4	1	
7X677	14077192	5306-01-149-9668	2	21	
7X677	14077193	5306-01-148-7456	2	7	
7X677	14077194	5306-01-410-8159	2	7	
7X677	14077195	5306-01-198-5515	2	22	
7X677	14098631	4710-01-412-1668	19	30	

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PART NUMBER INDEX				
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
7X677	14098632	4710-01-412-8611	19	11
7X677	14098633	4710-01-412-8615	19	28
7X677	14098634	4710-01-412-1669	19	12
7X677	14098635	4710-01-411-8488	19	18
7X677	14098636	4710-01-411-8489	19	16
7X677	14098637	4710-01-412-1667	19	23
7X677	14098638	4710-01-411-8492	19	17
01212	1496M	3120-01-417-8084	KITS	60
84760	15093	3120-00-993-4152	22	44
84760	15228	4730-00-459-6077	21	32
84760	15383	3120-01-255-9328	37	11
84760	15384	5310-01-257-9101	37	10
84760	15385	5310-01-257-9034	37	9
70040	1538769	5330-00-700-6868	16	2
7X677	15537018	2815-01-163-7838	5	1
7X677	15537020	2815-01-163-9999	5	1
7X677	15633465	2930-01-193-7802	27	3
84760	15699	5360-00-900-2564	21	25
78514	16313	5120-01-197-0236	37	15
84760	16314	5120-01-208-1767	37	12
7X677	1635490	5306-01-149-6280	8	13
			9	4
			11	5
			26	13
45225	1725-A	4910-00-506-0037	35	4
84760	17777	5306-01-255-2630	37	8
84760	17787	5120-01-251-1901	37	7
7X677	18009096	3120-01-152-4239	3	2
7X677	18009098	3120-01-153-7545	3	2
84760	18021	2910-01-189-2142	20	26
84760	18411	5180-01-189-0448	37	6
84760	18493	5310-01-118-2248	20	34
7X677	193620	5320-01-218-0721	27	6
84760	19837	5315-01-188-0495	21	26
84760	19895	4820-01-189-0894	21	34
84760	19969	5210-01-200-4526	37	18
84760	20222	3120-00-393-4067	22	18
01276	2023-6-10S	4730-00-728-2393	10	10
84760	20523	2910-01-188-3250	21	30
84760	20528	5325-01-188-0960	21	28
84760	20530	2910-01-189-0895	21	22
78514	20548	5120-01-207-5563	37	13
84760	20803	2910-01-230-9007	21	24
84760	20804	2910-00-148-6555	21	24
84760	20951	2920-01-117-3251	20	6
01276	2096-4S	4730-01-187-6892	30	5
84760	21194	5305-01-188-0948	22	40
84760	21200	2910-01-188-3249	21	27
84760	21201	3040-01-188-3261	22	39
84760	21283	2910-01-188-3244	22	28
84760	21284	5315-01-167-5584	21	10

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CAGEC	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
		STOCK NUMBER			
84760	21296	2910-01-188-3251		21	29
84760	21312	2910-01-117-7252		22	19
84760	21358	5360-01-190-6215		21	1
84760	21646	5305-01-215-9425		21	2
84760	21661	5305-01-188-0490		22	45
84760	21662	5305-01-188-0491		22	45
				22	45
84760	21663	5305-01-188-0492		22	45
84760	21664	5305-01-188-0493		22	45
84760	21665	5305-01-188-0494		22	45
84760	21712	5305-01-190-4070		21	45
84760	21763	2910-01-188-3254		20	23
84760	21860	5330-01-192-5779		22	6
84760	21895	2910-01-188-3255		22	9
84760	21917	5360-01-189-3466		22	10
03350	22FT832	5310-00-582-5765		20	5
84760	22064	5315-01-191-3393		22	2
78514	22089	6675-01-247-2286		38	4
84760	22125	5360-01-188-0807		20	30
84760	22325	5310-01-188-6743		20	25
84760	22327	2910-01-188-3252		20	32
84760	22351	5305-01-118-4114		20	3
84760	22367	2910-01-190-0069		21	41
84760	22397	5315-01-190-0429		21	15
84760	22398	5305-01-190-5745		21	9
84760	22505	5365-01-318-1887		21	43
7X677	22511422	5340-01-148-7528		17	5
15946	22515630	5307-01-150-9538		19	7
7X677	22521550	5310-01-165-3331		9	30
				19	26
7X677	22548601	5307-01-150-5993		8	7
84760	22693	5365-01-188-0784		21	19
78514	22727	5120-01-208-7752		37	16
84760	22734	5305-01-188-6566		22	45
84760	22900	5365-01-188-0993		21	4
84760	22917	5340-01-192-6030		21	17
84760	22937	5325-01-188-0958		22	20
84760	22939	5120-01-078-1899		36	18
84760	22988	2910-01-232-1044		21	23
72582	23011420	5365-01-188-0782		9	23
84760	23056	5365-01-188-0785		21	39
78514	23080	5210-01-249-0370		38	1
84760	23100	5315-01-188-0765		22	1
84760	23101	3110-01-188-7682		22	7
84760	23107	5340-01-188-3176		22	41
84760	23120	3040-01-192-4585		22	37
84760	23123	4820-01-188-3245		22	33
84760	23124	5305-01-188-6567		22	30
84760	23135	4820-01-188-3246		22	33
84760	23183	4820-01-165-9596		20	11
84760	23190	4710-01-230-5611		20	19

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PART NUMBER INDEX				
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
84760	23190	4710-01-230-5611	20	21
84760	23238	5360-01-188-6806	22	35
84760	23352	5307-01-188-9217	22	15
84760	23426	5365-01-188-0783	21	43
84760	23428	2910-01-188-3256	21	8
84760	23461	2520-01-188-3282	20	29
7X677	23500006	5307-01-187-0519	9	17
72825	23500024		17	11
			18	11
7X677	23500032	5307-01-207-9004	27	9
7X677	23500035	2815-01-168-7909	11	7
7X677	23500074	2815-01-148-9540	6	1
7X677	23500075	3040-01-192-4466	6	2
7X677	23500076	3040-01-212-7616	6	5
7X677	23500084		26	11
7X677	23500104		2	9
7X677	23500111	3120-01-175-3813	3	3
7X677	23500139	5330-01-249-1629	3	5
7X677	23500246	2815-01-148-9535	3	6
7X677	23500298	5325-01-234-0447	5	3
7X677	23500391	2815-01-246-5268	5	2
7X677	23500393	2815-01-246-5269	5	2
7X677	23500801		31	11
7X677	23500805	2990-01-411-6556	8	15
7X677	23500832	5307-01-150-5991	11	3
			11	3
72582	23502073	2815-01-168-7871	9	9
7X677	23502552	5330-01-315-7047	6	10
7X677	23502571		2	23
7X677	23502572		2	24
7X677	23502575	5306-01-438-2320	2	22
7X677	23502587	5330-01-378-8572	9	32
7X677	23502596	2815-01-411-3964	3	6
7X677	23503124	5325-01-160-4618	19	13
7X677	23503969	5330-01-378-8577	3	5
7X677	23503994	2815-01-150-0673	6	17
7X677	23504011	5310-01-147-8744	3	9
72582	23521131	5310-01-250-7679	9	20
84760	23566	5325-01-188-0962	21	13
84760	23585	5310-01-318-1883	22	14
84760	23601	5360-01-189-3607	21	40
84760	23610	3040-01-317-0367	20	31
78514	23614		37	2
78514	23615	5120-01-208-7753	37	1
84760	23643	5360-01-194-3162	20	28
84760	23685	5315-01-188-0766	22	1
78514	23715	5220-01-247-0361	38	5
78514	23716	5210-01-249-0369	38	3
84760	23744	5360-01-317-8098	20	22
78514	23745	5210-01-249-0368	38	2
78514	23805	5120-01-208-7771	37	14

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PART NUMBER INDEX				
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
84760	23819	4730-01-334-0695	21	31
7X677	23901992		8	1
84760	23915	5360-01-318-1894	21	33
84760	23925	5315-01-189-2141	21	37
84760	24345	2910-01-189-1747	21	44
24617	2436162	5310-01-119-1024	31	12
84760	24419	5305-01-190-4555	34	1
84760	24441	4820-01-182-1073	22	8
84760	24566	5305-01-188-6568	21	36
84760	24569	3040-01-188-3242	22	23
84760	24585		21	5
78514	24623	3040-01-188-3222	22	4
84760	24880	2910-01-316-2312	20	23
7X677	25011206	4820-01-153-1851	2	17
7X677	25014006	4820-01-436-9135	2	17
7X677	25161285	4820-01-440-7461	1	18
			2	18
7X677	25534835	5305-01-162-7885	7	1
84760	26027	5310-01-266-6425	22	27
84760	26070	2910-01-191-8464	22	31
84760	26071	5360-01-260-5649	22	32
84760	26081	5120-00-816-7059	37	17
84760	26087	5305-01-260-5737	21	16
84760	26181	5360-01-317-9451	21	6
53781	2637PN STD	2815-01-164-0138	5	2
84760	26382	3040-01-247-0914	21	42
84760	26383	4320-01-256-3698	21	42
84760	26431	5340-01-334-1422	KITS	70
84760	26495	5307-01-317-6317	22	15
84760	26890	2910-01-210-6938	22	43
84760	26961	5340-01-415-9633	22	16
84760	26989	4320-01-188-3258	21	42
84760	27002		22	21
78514	27003	5360-01-188-6693	21	33
84760	27006	3040-01-189-2163	21	11
84760	27007	5945-01-190-3559	20	18
84760	27008	5940-01-185-1122	20	15
84760	27009	5310-01-191-0440	20	14
84760	27010	2920-01-188-3259	20	13
84760	27011	5945-01-188-3194	20	20
84760	27014	5340-01-250-3240	20	17
84760	27065	2530-01-194-9868	20	16
84760	27163	5330-01-233-8597	21	18
84760	27244	5330-01-234-2615	20	27
84760	27245		22	36
84760	27601	5331-01-236-0476	22	26
84760	27602		21	35
84760	27603		22	42
84760	27606	5330-01-236-0488	22	13
84760	27607	5331-01-232-2145	20	12
84760	27608		21	21

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CAGEC	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
		STOCK NUMBER			
84760	27609			21	20
84760	27610			21	38
84760	27660	5305-01-414-3012		21	45
84760	27833	2910-01-188-3243		22	37
84760	27927	2910-01-256-9157		20	33
84760	27984	2990-01-320-8915		22	38
84760	28012	4820-01-316-2497		22	33
84760	28013	4820-01-317-0552		22	33
84760	28370			22	38
84760	28397	5360-01-318-1893		20	24
84760	28457	4320-01-425-6571		21	42
84760	28463	5360-01-413-7368		21	40
84760	28474	5365-01-317-4249		21	19
84760	28861			22	21
84760	28937	3040-01-317-0368		21	12
84760	28981	2910-01-414-0346		21	29
84760	28986	2910-01-363-8782		21	31
84760	28988	4810-01-415-9460		21	27
84760	29040	2815-01-446-9537		21	42
84760	29041	2910-01-445-9041		21	42
84760	29042	2910-01-414-7888		21	42
84760	29043	2910-01-414-6651		21	42
84760	29049	5360-01-416-6594		21	40
84760	29122	3040-01-445-9101		21	8
84760	29384	5340-01-414-0247		22	28
84760	29546	3040-01-247-0893		22	4
84760	29710	5305-01-191-0374		22	29
51377	3018-01265-01	5331-01-192-8892		28	6
51377	3018-01339-01	5330-01-247-8438		28	7
51377	3029-01371-01	5310-01-194-0481		28	3
51377	3030-00364-01	5310-01-190-4607		28	14
84760	30405	2910-01-299-0473	KITS		80
51377	3051-01405-01	5307-01-190-5854	28		12
51377	3058-01264-02	5310-01-189-8468	28		4
84760	30776	5360-01-413-7363	20		30
84760	30844	5325-01-413-7364	21		14
84760	31506	2910-01-414-5382	22		25
84760	31816	4320-01-317-0692	22		25
29161	32028		30		3
7X677	354501	4730-01-148-2758	26		14
			27		2
7X677	360582	5360-01-165-1563	9		16
7X677	3701679	5315-01-149-5433	3		7
7X677	3702366	2805-00-336-1716	9		15
7X677	3704871	5340-01-194-5294	9		14
7X677	3719599	2910-00-493-2138	16		3
7X677	3727207	5306-01-148-8198	4		2
7X677	3739798	4730-01-182-6565	26		12
			27		7
7X677	3895411	5306-01-148-7454	16		7
7X677	3947770	2805-00-155-7266	6		6

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PART NUMBER INDEX				
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
7X677	3999200	5340-01-149-7977	2	12
51377	4026-38368-01	2930-01-189-8643	28	17
51377	4040-38442-01		28	8
51377	4043-38443-01	2930-01-189-1744	28	5
51377	4073-38424-01		28	15
51377	4079-38441-01		28	18
95021	4080-08		36	16
51377	4088-35869-01	5360-01-190-6214	28	11
24161	4219-3681	4720-01-163-7833	BULK	1
24161	4377	4720-00-139-3968	BULK	2
7X677	444782	5365-01-154-4378	2	11
21450	454097	4730-00-911-5707	10	1
7X677	477249	5330-01-154-7159	9	10
7X677	5234530	2815-01-147-9358	6	16
34623	5569831	2910-01-348-1874	20	4
34623	5574856	5330-01-194-0472	13	1
34623	5588022	2815-01-168-7912	9	22
34623	5591286	5307-01-196-4717	9	26
34623	5593038	5310-01-251-0711	31	6
7X677	560613	5340-01-148-7529	19	31
70040	5614017	2920-01-188-3863	24	1
19207	57K3223	2815-01-410-9710	1	1
34623	57K3224	2815-01-414-9135	5	8
19207	57K3226	2815-01-406-6675	1	1
19207	57K3241	2815-01-420-4180	1	1
19207	57K3524	2815-01-439-6665	1	1
19207	57K3525	2815-01-439-6664	1	1
			1	1
19207	57K3526	2815-01-439-8164	1	1
19207	57K3536	2815-01-453-7403	1	1
19207	57K3537	2815-01-453-7404	1	1
19207	57K3538	2815-01-453-7402	1	1
19207	5705628	2815-01-314-7940	1	1
19207	5705684	2815-01-231-3672	1	1
34623	5740049	2910-01-189-8851	9	11
34623	5740077	2930-01-188-3682	26	15
34623	5740201	3120-01-152-2039	3	3
34623	5740572	5305-01-188-0489	22	45
34623	5740626	5360-01-189-3606	20	24
34623	5740641		21	7
34623	5740702		17	10
			18	10
34623	5741611	4710-01-185-6179	17	3
			18	3
34623	5741613	5340-01-384-9987	9	18
7X677	580379	5310-01-148-7479	8	2
75638	6805	5310-00-205-9078	36	8
70040	6472357	2910-01-168-7905	16	1
19207	7416363	6620-00-993-5546	29	6
30327	75167	4730-00-541-0793	27	1
7X677	7849306	2815-01-449-5585	9	6

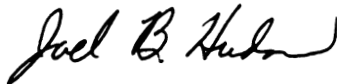
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CAGEC	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
		STOCK NUMBER			
84760	82155	4820-01-317-0374		22	8
7X677	838839	5315-00-828-5487		9	13
72582	8922216	5342-01-130-1141		18	12
51377	9002-00181-48	5331-01-194-8966		28	10
51377	9002-00741-58	5331-01-195-1500		28	9
73165	91598	5330-01-425-5069		9	29
73165	91599	5330-01-372-0636		8	18
24617	9411893	5310-00-251-4503		31	18
24617	9417373	5310-01-361-1163		31	17
7X677	9438083	5310-00-080-6004		26	4
7X677	9438257	4720-01-155-7784		BULK	5
7X677	9438373	4720-01-159-5796		BULK	4
7X677	9439046	4720-01-156-0549		BULK	6
7X677	9439363			19	3

By Order of the Secretary of the Army:

ERIC K. SHINSEKI
General, United States Army
Chief of Staff

Official:



JOEL B. HUDSON
Administrative Assistant to the
Secretary of the Army
05697

By Order of the Secretary of the Air Force:

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General, United States Air Force
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